



Alexander Lechner

Senior Product Manager

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alex-lechner

SOFT SKILLS

Proactive

I'm a personified push-notification system so you don't have to ask me for any progress updates.

Reliable

I keep 98% of my commitments & deadlines that are 100% within my control.

Problem- & outcome oriented

What you want ≠ what you need. I focus on defining the problem and the desired outcome.

LANGUAGES

German
native

English
fluent

INTERESTS

Reading books

Graphic design

Music production

About me

I am a Senior Product Manager for software products with hardware integration. With 12 years in engineering and 3 founded ventures, I am bilingual in tech and business.

Outcomes I achieved:

- **Six-figure annual savings** at SIMACEK by digitizing duty rosters and eliminating manual paperwork errors. **Scaled the team from 2 to 5 employees.**
- **Pioneered 70%-accuracy demand forecasting** at CleverShuttle by enabling the first dynamic pricing rollout.



SKILLS

Product Management **7 years XP**

PRD writing · Requirements Engineering · Continuous Discovery · User Stories · User Personas · Customer Journey · Product Vision & Roadmap (Now / Next / Later) · Stakeholder Management · Hypothesis-driven development · Prioritization (MoSCoW, Effort / Value) · Jobs-to-be-Done (Bob Moesta) · Opportunity Solution Tree · Story Mapping · Customer Development (Steve Blank) · Sprint Planning · Backlog Refinement · Sprint Review · Retrospective · Acceptance Criteria · Definition of Done · Dual-Track Agile · Cross-functional team leadership · PSPO I (in progress)

Architecture & Systems Integration **7 years XP**

0 to 1 System Design · ETL Pipelines · Custom Hardware Integration (tracker + beacon) · Reverse-engineered binary protocols (ROS) · C# byte-level decoding · Embedded data flow · Hardware-to-cloud pipelines · Docker

Python **9 years XP**

luigi (Airflow equivalent) · scikit-learn · Matplotlib · Jupyterlab · pydantic · pandas · OpenCV · poetry · NumPy · Flask

JavaScript **12 years XP**

TypeScript · Node.js · Vue.js · Nuxt · React · RxJS

Dart **6 years XP**

Flutter · Bloc · GetX · iOS · Android · Fastlane · Integration Testing · Multi-language (i18n)

(No)SQL **7 years XP**

PostgreSQL · Redis · MSSQL · RethinkDB

CI/CD **3 years XP**

GitLab CI · GitHub Actions · Fastlane

Data streaming **4 years XP**

gRPC · ZeroMQ · RxJS · Bidirectional Data Streaming



Checkout my GitHub profile: <https://github.com/alex-lechner>

**FH des BFI Wien**

Guest lecturer in Artificial Intelligence (Master's Level)

9/2024 - now

Co-lead an AI course at FH des BFI Wien alongside the Head of Department for Supply Chain Management.

<https://www.fh-vie.ac.at/>

Industry: Education**Class size:** >30 students**Skills and expertise**

- Teaching & presenting
- Communication

Activities

- Teach AI to non-tech Master's students.

Impact

- Took students from zero to using AI for business outcomes.

**lymo**

Interim Product Manager & Technical Product Lead

9/2024 - now

lymo is an enterprise app for facility managers. They plan staff schedules and track work-time across thousands of sites.

<https://apps.apple.com/ca/app/lymo/id6737772569>

Industry: Facility Management**Team size:** 5 employees**Skills and expertise**

- PRD writing
- Requirements Engineering
- Continuous Discovery
- User Personas
- Story Mapping
- Backlog Refinement
- Acceptance Criteria
- Dual-Track Agile
- System Design
- MSSQL
- UI-Design
- Prototype testing
- Data Modeling
- gRPC
- Custom Hardware Integration
- Dart (Flutter, Bloc, GetX)
- C# (low-level byte decoding)
- Fastlane
- CI/CD
- Integration Testing
- Developer Training (Reactive Programming, System Architecture, Design Patterns)
- Redis

Activities

- Wrote the PRD: problem statement, target audience, user flow, success metrics. Validated it via wireframes and interactive prototypes.
- Ran Continuous Discovery interviews. Built User Personas and Story Mapping as backlog anchors. Prioritized via MoSCoW.
- Practiced Dual-Track Agile and led Backlog Refinement with the team.
- Built the architecture from 0 to 1 with only two developers. Scope: data models, gRPC streaming, hardware integration (tracker + beacon, low-level C# decoding), Flutter clients.
- Trained junior developers to mid-level. Topics: reactive programming (Bloc, GetX), system architecture, code quality, design patterns, DRY. Used pair programming.

Business Impact

- Saved six-figure euros annually for the stakeholder. Killed duty roster errors with automation.
- Led the team and scaled it from 2 to 5 employees.
- Killed legal penalty risk with accurate work-time tracking.



SIMACEK GmbH

Product Consultant, Mobile Engineer

9/2023 - 9/2024

Simacek is one of Austria's largest family-owned facility management companies. Cleaning and pest control, multiple European sites.

<https://simacek.com>

Industry: Facility Management

Company size: Enterprise (>8,000 employees)

Skills and expertise

- Dart (Flutter, GetX)
- Fastlane
- CI/CD
- Integration Testing
- UX-Design & Prototyping
- UI-Design

Activities

- Designed user flow and UI in low- and high-fidelity mockups for the internal product.
- Designed and shipped the Android and iOS mobile apps in 4 languages.
- Built a CD pipeline for automated multi-language screenshot generation and Android / iOS archive files.

Business Impact

- Ended working-hour fights between managers and workers. Made payroll inputs transparent.
- Replaced paperwork with digital QA forms. Cut redundant ops work.



statycs GmbH

Product Consultant, Frontend Developer

8/2023 - 4/2025

statycs is a financial-planning SaaS for SMBs that need long-term forecasts.

<https://statycs.com>

Industry: Finance

Company size: Startup (<10 employees)

Skills and expertise

- Vue.js
- Pinia
- UX Design
- Prototyping

Activities

- Consulted on product strategy: target audience, problem statement, user flow, and UI in low-fidelity mockups.
- Advised on customer acquisition and recommended a pricing strategy.
- Developed the web application frontend in Vue.js / Pinia.



Gestalt Robotics

Technical Consultant, Backend Python Developer

4/2023 - 5/2023

Gestalt Robotics builds smart industrial robots. Worked as an engineer in a Scrum team and participated in Sprint Planning, Refinement, Reviews, and Retrospectives.

<https://gestalt-robotics.com>

Industry: Robotics

Company size: Mid-size (10 people)

Skills and expertise

- Python (poetry, pydantic, NumPy, rospy, OpenCV)
- ZeroMQ
- ROS (Robot Operating System)
- Scrum
- Jira
- Confluence
- Scrum

Activities

- Co-architected and co-built a Robotics-as-a-Service platform with an SDK for NEOM (Saudi Arabia).

- Reverse-engineered ROS's binary protocol. Built a standalone decoder. Cut ROS runtime out of downstream services.
- Authored and rolled out a company-wide documentation standard + project structure in Confluence. It was adopted by every team.
- Built a multi-view object-tracking algorithm for industrial cameras. Works from any angle.
- Built a Python CLI with an automated CI pipeline that builds and publishes the package. This standardized internal tooling distribution across the company.
- Tested DDS (Data Distribution Service) as a real-time protocol. Findings shaped the platform's architecture.

Business Impact

- Decreased code setup time by 87% (from 4h to under 30min) through the documentation standard.



lobi

Technical Product Lead, Co-Founder (CEO)

10/2018 - 12/2023

lobi is a mobile app for Uber and Bolt drivers. Predicts demand so they earn more per ride.

<https://lobi.ai>

Industry: Mobility

Company size: Startup (<10 employees)

Skills and expertise

- **Python** (pandas, pydantic, poetry, luigi, NumPy, Flask, scikit-learn, Matplotlib, Jupyterlab)
- **RethinkDB**
- **SurrealDB**
- **User Research & UX-Design**
- **Dart** (Flutter, GetX)
- **Javascript** (Node.js, TypeScript, RxJS)
- **Docker**
- **UI-Design**

Activities

- Set product vision, target audience, and go-to-market strategy.
- Ran Continuous Discovery interviews with drivers across multiple cities to improve the product.
- Closed exclusive data partnerships that sourced 200,000+ geospatial data points.
- Built an ETL pipeline that linked independent data sources. Ensured integrity via cleansing and validation.
- Designed and shipped the Android and iOS apps (Flutter) to App Store and Play Store.
- Engineered an ML system for geospatial demand analysis.

Business Impact

- Grew from 0 to 200+ registered drivers in 5 months.
- Won first paying customers despite target-group doubt.
- Won an unfair edge through unique partner datasets.



AIKONE

Technical Product Lead, Co-Founder (CTO)

10/2018 - 11/2023

AIKONE helps content creators transition from "brand promoters" to "brand owners" by developing their sustainable fashion brand.

<https://aikone.at>

Industry: Fashion

Company size: Startup (<10 employees)

Skills and expertise

- **Python** (pandas, pydantic, poetry, luigi, NumPy, Flask, scikit-learn, Matplotlib, Jupyterlab)
- **JavaScript** (Node.js, TypeScript, RxJS, Nuxt, Vue 2, React)
- **User Research & UX-Design**
- **Rapid Prototyping**
- **UI-Design**
- **Docker**
- **RethinkDB**

Activities

- Ran 160+ Continuous Discovery interviews using the JTBD framework (Bob Moesta) to uncover expensive customer problems.
- Talked to fast-fashion producers in Prato (Italy) and supply chain managers at brands like Gardeur.
- Mapped customer problems to product bets using Opportunity Solution Trees.
- Built sales-performance dashboards for customers. The dashboards surfaced data they couldn't see before.
- Built an image-processing ETL pipeline (fetch, crop, background removal) integrating 3rd-party APIs.
- Shipped internal tools for product lifecycle management. Adopted across the team.

Business Impact

- Grew from 0 to 8 paying customers without prior industry experience and despite the first COVID-19 lockdown.
- Hit a 1.5%+ conversion on customers' first launches.
- Reduced project managers' effort by 20%+ via internal tools.
- Learned valuable trade secrets in fashion: development, manufacturing, launches.



CleverShuttle

Data Scientist (Demand Forecasting, Geospatial ML)

2/2018 - 7/2018

CleverShuttle moves people emission-free with electric and hydrogen vehicles.

<https://clevershuttle.de>

Industry: Ride-Hailing, Ride pooling

Company size: Mid-size (>50 employees)

Skills and expertise

- **Python** (pandas, NumPy, scikit-learn, Matplotlib)
- **Java** (Spring Boot)

Activities

- Engineered geospatial ML models for ride-demand prediction.
- Achieved a 70% prediction rate for ride requests.

Business Impact

- Pioneered ride-demand forecasting at the company. Enabled the first dynamic pricing rollout. Raised revenue per ride.



PlanRadar

Mobile Engineer (Android, 1st employee)

11/2016 - 8/2017

Joined as first employee. PlanRadar is now one of Austria's top construction-tech scale-ups. Web and mobile app for defect management on construction sites.

<https://planradar.com>

Industry: Construction Tech

Company size: Startup (<10 employees)

Skills and expertise

- **Java** (for Android)
- **PHP** (WordPress)
- **JavaScript** (jQuery)

Activities

- Developed the website and the Android application.

Business Impact

- Reduced daily app errors by 75% (from 40 to 10 errors) through stability improvements.
- Made the product more stable and easier to maintain.



Freelancer in Web Development

Self-employed

9/2015 - 12/2017

Various clients including UBS, Sigmund Freud PrivatUniversität Wien, and others.

Industry: Various

Engagement: Freelance (15+ projects)

Skills and expertise

- HTML & CSS
- JavaScript (jQuery)
- PHP (WordPress)

Activities

- Shipped and maintained 15+ websites.
- Custom designs and template customizations.

Business Impact

- Improved the online presence of small and large business owners.



Österreichische Post AG

Web Application Developer (Internship)

7/2015 - 8/2015

Österreichische Post AG is Austria's leading logistics and postal service provider.

<https://post.at>

Industry: Post

Company size: Enterprise (>10.000 employees)

Skills and expertise

- HTML & CSS
- C#
- Javascript (jQuery)

Activities

- Designed and developed an internal monitoring tool.
- Scaled report creation to 2,000+ reports per month.

Business Impact

- Helped track store business activity.

PROJECTS



peary

Technical Product Lead, Mobile Engineer, Co-Founder (CEO)

9/2014 - 10/2016

Diploma-thesis startup at »Die Graphische«. Android and iOS application developed with thesis partner. Pitched to HOFER (Aldi Austria) at Sattledt headquarters and to Rakuten.

Featured in *Kurier* (one of Austria's largest newspapers): <https://kurier.at/wirtschaft/digital-life/wie-sich-die-einkaufskanaele-verbinden/196.686.914>

<https://github.com/alex-lechner/peary-for-android>



die Graphische
Multimedia Diploma

9/2014 - 10/2016

<https://graphische.net>

Activities

- Realized 25+ projects in Web, Audio, Film & Graphic Design.
- Founded the startup »peary« for diploma thesis.

CERTIFICATIONS



Self-Driving Car Engineer Nanodegree
Udacity

4/2018

<https://graduation.udacity.com/confirm/LPPXVGDA>

Skills and expertise

- **Python** (OpenCV, Keras, TensorFlow, rospy, Jupyterlab)
- **C++**
- **ROS** (Robot Operating System)

Activities

- Programmed every software component in 13 projects.
- Evaluated the gained knowledge on a real self-driving car.