Roman Pavlenko

Software Engineer · Technical Project Manager

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Full-stack developer with an **M.S. in Software Development** and **10+ years** of delivering products as a **project manager, founder and operations lead**. Builds web applications with **React, TypeScript and Node.js**, and works with AWS as a **Certified Cloud Practitioner**. Experienced inside Scrum teams: refining backlogs, removing technical blockers and translating user needs into scoped, shippable features. Looking to join a **product-driven engineering team in Barcelona**.

CORE COMPETENCIES

React & TypeScript · Node.js & REST APIs · AWS Cloud · SQL & NoSQL Databases · Unit Testing (Jest)
Clean Architecture · Agile / Scrum Delivery · Backlog & Estimation · Stakeholder Communication · Team Leadership

SOFTWARE ENGINEERING EXPERIENCE

Full-Stack Web Developer (Program) · **Migracode** *Barcelona, Spain | Sep 2025 – Jul 2026*

Language-Learning App for Children (personal project)

- Building a **React** app that helps children learn languages, structured on **Clean Architecture** so UI, business logic and data access stay independent.
- Covering core logic with **Jest unit tests** to keep the codebase maintainable as features grow. Code on GitHub.

Team Projects

- Built full-stack applications with a **React + TypeScript** frontend, **Node.js/Express and Python** backends, and **PostgreSQL/Supabase** and **Firebase/DynamoDB** data layers.
- Worked in a **Git-based team workflow** with feature branches, pull requests and peer code reviews.

AWS re/Start, Cloud Engineering Program · **Migracode** *Barcelona, Spain | 2023 – 2024 AWS-sponsored, hands-on cloud engineering program*

- Worked with core **AWS services** (S3, Lambda, ECS/EKS, SQS/SNS), **Python scripting** and **RESTful API design**.
- Practiced **CloudWatch monitoring and troubleshooting** and relational and NoSQL databases (**RDS, DynamoDB**) in simulated DevOps environments.

PROFESSIONAL EXPERIENCE

Project Manager · **Happy design.pro** *Remote from Barcelona | 2022 – 2025*

- Ran **Scrum delivery** for the product team, improving **estimation accuracy and sprint velocity**.
- Worked daily with engineers to **remove blockers** and keep the backlog prioritised and ready for development.
- Built **MVPs in WordPress and JavaScript** and planned the roadmap for a high-availability platform.
- Coordinated **international volunteer developers and designers**, setting the quality bar for code and design reviews.
- Grew designer visibility in Poland by **25%+** through international partnerships.

Founder & CEO · **Boxes.in.ua** *Ukraine | 2015 – 2023*

- Founded and scaled a **recognised packaging brand** in Ukraine, building a lasting **B2B client community**.
- Managed projects **end to end**, from client brief through prototyping to **mass production**, on fixed delivery timelines.
- Planned product roadmaps with **prototyping and cost-benefit analysis**, aligning work with business goals.
- Modernized production by **assessing and introducing new technology**.

Sales & Communication · **Zabantuy** *Ukraine | 2012 – 2015*

- Worked with leadership on **product launches**, equipment assessments and strategic planning.
- Analyzed inventory, production and warehouse capacity to **optimise procurement and resource planning**.
- Built **data-driven client offers and workforce plans** from profitability, demand and productivity data, and recommended fixes for operational bottlenecks.
- Contributed to **4.2× revenue growth**, a **15% profitability improvement** and a doubled workforce.

EDUCATION

M.S. & B.S. in Software Development and Electronic Systems Implementation *National Technical University, Ukraine | 2006 – 2011*

- Microprocessor and structured programming (**C, C++**, Pascal, Basic); digital and analogue circuit design.
- Algorithms for **data acquisition, real-time signal processing** and noise reduction; prototyped IoT safety sensors (flood, smoke, motion, intrusion).
- **Research project: Telehealth Data & Communication Platform**, with the Institute of Family Problems. Designed the system architecture, automated remote patient intake into structured clinical reports, and specified automatic scheduling of video consultations on critical anomalies.

TECHNICAL SKILLS

Languages	JavaScript (ES6+), TypeScript, Python, SQL, HTML5, CSS3
Frontend	React
Backend & APIs	Node.js, Express, REST API design
Databases	PostgreSQL, Supabase, SQLite, Amazon RDS, Firebase, DynamoDB
Cloud	AWS (S3, Lambda, ECS/EKS, SQS/SNS, CloudWatch)
Practices	Jest unit testing, Clean Architecture, code review, Git/GitHub pull-request workflow
Delivery & Tools	Agile (Scrum, Kanban), Jira, Trello, Figma, npm

ADDITIONAL

- **Certifications:** AWS Certified Cloud Practitioner (CLF-C02) · Project Management, Hillel IT School · Introduction to TypeScript and JavaScript Logic & Flow, Coddy Tech
- **Languages:** Ukrainian (Native), Russian (Native), English (Professional working), Spanish (B1, Universitat Autònoma de Barcelona)