

Vitalii Romaniuk

Full-stack software engineer

Valencia, Spain

[LinkedIn](#) · [GitHub](#) · [ORCID](#) · [Email](#)

PROFESSIONAL SUMMARY

Full-stack software engineer with more than a decade of experience building and modernizing production web platforms. A background in automated electromechanical systems complements deep experience with Python backends and React-based JavaScript and TypeScript frontends, from established monoliths to service-oriented systems. Experienced in leading teams of up to 14 engineers, taking products from MVP to production, improving architecture and performance, and working directly with product stakeholders.

SKILLS

Languages: Python · JavaScript · TypeScript · SQL

Backend: Django · Flask · FastAPI · GraphQL

Frontend: React · React Native · Vue · Angular · HTML · CSS

Data & messaging: PostgreSQL · MySQL · MongoDB · Redis · RabbitMQ

Cloud & platform: AWS · GCP · Hetzner · Linux · Git

Game & native: Godot · Unity · Swift · iOS

EXPERIENCE

Full-stack software engineer

Abby · [Current](#)

A virtual receptionist service combining U.S.-based human receptionists and AI-powered call handling for businesses.

Full-stack engineering across multiple production services, focused primarily on client-facing platform capabilities.

- Build and maintain features across backend services and web applications.
- Work across service boundaries to deliver and improve customer-facing product workflows.

Technologies: Python · TypeScript · React

Senior full-stack software engineer

WasteHero · [September 2025 – May 2026](#) · Aarhus / Herning, Denmark

An AI-native operating system that unifies routes, fleet, tickets, billing, and self-service for municipalities and waste operators.

Full-stack engineering across backend, web, and mobile applications, including the platform's AI-driven second generation.

- Contributed to multiple product initiatives, including WasteHero AI v2.
- Presented product demonstrations and worked directly with stakeholders.
- Delivered features across backend, web, and mobile applications.

Links: [WasteHero AI v2](#)

Technologies: Python · Django · React · React Native · TypeScript · GraphQL · Hetzner · Google Maps · OpenStreetMap

Full-stack software engineer · UKEESS contractor

SevenRooms / DoorDash · [Remote](#)

A hospitality technology platform for reservations, CRM, guest experience, and marketing; part of DoorDash since 2025.

Contracted through UKEESS Software House to work exclusively on the SevenRooms product.

- Maintained and extended a production guest-experience platform.
- Built and supported point-of-sale integrations.
- Delivered product features and platform improvements across the stack.

Links: [DoorDash](#) · [UKEESS](#)

Technologies: Python · Django · JavaScript · React · GCP · POS integrations

Full-stack software engineer

Emotive · October 2021 – October 2022 · Remote

An e-commerce SMS marketing platform for two-way messaging, campaign automation, segmentation, integrations, and revenue attribution.

Full-stack engineering across the services and interfaces supporting merchant messaging and campaign workflows.

- Worked across Flask microservices, a Django monolith, and React and Angular frontends.
- Diagnosed product and architecture issues, translated them into actionable Jira work, and implemented solutions.
- Improved database performance and system architecture while delivering new product capabilities.
- Shared knowledge across the team and mentored engineers at different seniority levels.

Technologies: Python · Flask · Django · JavaScript · React · Angular

Full-stack engineering lead / software architect

DDI Development · April 2018 – October 2021 · Kharkiv, Ukraine

Software consultancy where I delivered multiple client products and led several project teams while combining architecture, engineering management, and hands-on full-stack development.

- Delivered full-stack systems across multiple client projects and domains.
- Designed scalable backend systems for high-concurrency workloads.
- Improved application performance and guided architectural decisions.
- Led and mentored multiple project teams, including a team of 11 engineers.

Full-stack engineering lead / software architect

WasteHero · April 2017 – June 2021 · Denmark

An end-to-end operating platform for municipal and commercial waste management.

Combined hands-on full-stack development with architecture, technical leadership, delivery, and stakeholder communication.

- Helped take the product from MVP to production.
- Led a growing engineering team ranging from two to 14 people.
- Owned architecture and performance work, sprint delivery, product demonstrations, and stakeholder communication.

Technologies: AWS · Python · Django · React · React Native · TypeScript · GraphQL · Google Maps · OpenStreetMap

Full-stack software engineer

AnvilEight · November 2014 – April 2018 · Kharkiv, Ukraine

Full-stack engineering across multiple client products; notable projects included IEEE, Salesforce, and LiveChat.

- Delivered production work across multiple projects, including IEEE, Salesforce, and LiveChat.
- Built payment, email, and electronic-signature integrations and implemented core business logic.
- Refactored legacy systems, improved performance, and added unit and integration test coverage.
- Mentored other developers.

Links: [IEEE](#) · [Salesforce](#) · [LiveChat](#)

Technologies: Python · Django · JavaScript · PostgreSQL

EDUCATION

Master's degree in Automated Electromechanical Systems

National Technical University "Kharkiv Polytechnic Institute"