

13 years shipping end to end / ~100 LoRaWAN networks / hundreds of thousands of devices / queries typically under 250 ms

PROFILE

Thirteen years of shipping end to end mean I can be the one engineer who takes a feature from LoRaWAN radio firmware and bare-metal Linux, through AWS pipelines and Elasticsearch read layers, to the Vue and React dashboards people use every day. I move quickly from an idea to working software, then harden it into something fast, dependable, and easy to maintain, working remote-first and written-first across time zones. These days that increasingly means AI infrastructure clients run on their own hardware, ground I also cover at home, where I run some twenty self-hosted services.

SKILLS

Languages	JavaScript · TypeScript · Node.js · Python · Go · Rust · C · C++ · Zig
Frontend & Mobile	Vue · React · React Native · Angular · Android · iOS
Data	SQL · Elasticsearch · DynamoDB
AI Infrastructure	Self-hosted model inference & training · Automated agent infrastructure
Infra & DevOps	AWS (IoT Core, Lambda, SQS, SNS) · Azure · Linux/Unix · CCNA networking · LoRaWAN/IoT

EXPERIENCE

- Independent Contractor** clients under NDA Ongoing
 - Design and run AI infrastructure for clients who keep it in-house: self-hosted model inference and training on hardware they control, plus automated agent infrastructure.
 - Delivered inventory management systems, CMS platforms, data lake pipelines, and large-scale data streaming.
 - Consult on AWS solution architecture. Specifics of all engagements under NDA.
- Software Engineer** OpenSensors Apr 2017 – Present
 - Built the IoT fleet-management platform behind roughly 100 LoRaWAN networks and hundreds of thousands of devices, and keep it healthy in production. Every device reports every ten minutes, and each reading is ingested, aggregated, and typically queryable in under 250 milliseconds.
 - Own the full path a sensor reading travels, from LoRaWAN radio and low-level device code, through an AWS pipeline built on IoT Core, Lambda, SQS, and SNS, into the database. That ownership extends to sensor inventory and the Unix servers the platform runs on.
 - Designed and built the Vue 3 operator dashboards on an Elasticsearch read layer, shipped cross-platform React Native mobile apps, and built the authentication system the entire platform depends on.
- Software Developer** MentorMate Sep 2015 – Apr 2017

Built client applications at speed using what was then the newest web technology, shipping Angular 1 single-page apps with real-time features over WebSockets.
- Software Engineer** Finmaven / Mavendocs Feb 2014 – Mar 2015

Full-stack JavaScript, Angular, and Node.js development on social-intelligence tools.
- Software Engineer** Masthead Studios Oct 2013 – Jan 2014

Custom C++ engine and Unity (C#) work on Earthrise, a sci-fi MMORPG, and Guns n Robots, a multiplayer shooter.
- Junior Web Developer** Haemimont AAD Apr 2011 – Nov 2012

PROJECTS

- When.** getwhen.net Co-creator

Privacy-first period tracker, server-rendered with Preact, syncing cycle phases to the user's Google, Notion, or CalDAV calendar.
- lelinh.dev** Personal site Ongoing

A hand-written personal site: plain HTML and CSS, no framework and no build step, deployed on Cloudflare Pages.

EDUCATION & CERTIFICATIONS

- BS, Informatics** New Bulgarian University 2016
- High School, Software Engineering** TUES 2012
- CCNA – Cisco Certified Network Associate** Cisco

AVAILABILITY

Open to B2B contracts or full-time remote roles where one senior engineer owning a product surface end to end is valuable. Based in Sofia; rate and terms depend on scope.