




Nebojša Kilibarda

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OBJECTIVE

Software developer and product manager with a rich technical background and user-centric approach to feature delivery. A team member that enjoys collaborating with users, colleagues and prospective clients to deliver the highest quality software. Experienced in writing firmware as well as mobile and web apps. Currently working for a startup writing mainly React + TS, Golang and Flutter.

TECHNICAL SKILLS

Languages: Golang, JavaScript, Python, C, Flutter, SQL, NoSQL

Frameworks: React, PyQt, Gin, Node.js, Spring Boot, Swing, Tkinter, gensim

Libraries: Flask, Django, Pandas, NumPy, Matplotlib, Pytorch, Tensorflow

Tech/Tools: GCP, AWS, Docker, Kubernetes, Terraform, DevOps, scikit, linux, Wireshark, Agile/Scrum, Saleae, nRF SDK, Segger SDK, UNIX, Networking, Git

EXPERIENCE

Software Developer

March 2025 - Present

Counting Trucks

- Build and maintain React + Typescript web apps and Flutter mobile apps that facilitate real-time asset tracking and administrative tasks.
- Design Golang and MySQL-backed APIs and scheduled tasks to ingest telematics data, detect malfunctions in asset tracking hardware, generate reports and perform administrative changes.
- Integrated Google Maps APIs to render live asset routes on the map and support dynamic rerouting based on device history data.
- Maintain frequent real-time communication (texts, calls) with customers to troubleshoot issues, and formulate new projects that directly improve end-user workflows.

Software Engineer Internship

August 2024 - March 2025

Ommo Technologies, Inc.

- Developed PyQT applications used internally and by operators at sensor manufacturing plants, significantly enhancing the efficiency and usability of sensor data handling software.
- Built CI/CD pipelines through GitHub Actions, **reducing deployment time of applications by 25%**.
- Re-architected software used in the manufacturing pipeline to replace serialized, one-at-a-time tasks with parallelized, asynchronous processes, which resulted in a **5x boost in throughput**.

Embedded Software Engineer Internship

May 2024 - August 2024

Ommo Technologies, Inc.

- Wrote firmware for a custom PCB with a Nordic micro-controller (SPIM, UART, I2C, USB) resulting in a **20% increase in the sampling rate** and a **10% decrease in error rate**.
- Performed hardware testing with logic analyzers and oscilloscopes, as well as unit testing and device calibration, **reducing the development time by 20%**.

Easy-Med - Security, Privacy Assured IoMT

May 2023 - July 2023

National Science Foundation

- Trained in smart healthcare, received a **100% evaluation** on core aspects of **cybersecurity and embedded programming** in the medical industry.

EDUCATION

University of Texas at Arlington

August 2021 – May 2025

Bachelor of Science in Computer Science

GPA: (3.72 / 4.0)