

MUHAMMED SEVIM

BACKEND ENGINEER

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Professional Summary

Software Engineer with international experience building softwares for companies across Europe. Specialized in the Java/SpringBoot, Node.js/Nest.js ecosystems and building scalable backend systems. Focused on building data-driven tools, applications and automating complex workflows to optimize business performance.

Skills

Technical: Java, JavaScript, TypeScript, Python, PHP, SQL, Node.js, NestJS, Express.js, Spring Boot, Rest APIs, PostgreSQL, MySQL, MongoDB, AWS (S3, Lambda), Azure, Docker, CI/CD, Git, React, React Native, Next.js

Languages: Turkish, English (C1)

Experience

Backend Developer, Internship

Jun 2025 - Sep 2025

Justice 4.0 (Start-Up) - *Helsinki, Finland*

- Maintained and implemented features across the backend (**Node.js**, **Python**) systems. Contributed to the life cycle of the start-up's **AI legal platform**.
- Built full-stack features integrating AI/ML pipelines, leveraging Azure AI Studio for model development and deployment.
- Designed and implemented data pipelines with Azure ML SDK, handling diverse legal datasets that fed directly into the platform's AI models.

Full Stack Developer, Internship

Jul 2024 - Jan 2025

Hogarth Worldwide - *Madrid, Spain*

- Delivered full-stack development tasks for major client projects, implementing specific backend modules via **Node.js** and **AWS** and developing interfaces (**Next.js**) for the Coca-Cola internal platform.
- Designed and built a Node.js engine to parse and transform legacy excel data into AWS-backed MySQL database, replacing manual entry workflows with modern system and clean interface.
- Built a full-stack application clone (**Walls.io**) using **PHP/MySQL**, and developed a **Progressive Web App** (React) to meet diverse client requirements.
- Developed and integrated reusable frontend components for large-scale company web applications using frameworks like React.js and **Vue.js**, including **advanced search** for a complex client web app.

Full Stack Developer, Internship

Jul 2022 - Nov 2022

Savion Ray - *Brussels, Belgium*

- Developed, reviewed, and maintained **high-quality frontend** code (React, JavaScript, HTML, CSS) for **diverse client web applications**, ensuring adherence to coding standards and project deadlines.
- Contributed to backend development tasks using the **Laravel (PHP)** framework, demonstrating adaptability across the full technology stack.
- **Collaborated effectively in cross-functional teams**, ensuring seamless integration of frontend components with backend systems and alignment with design/content requirements.
- Focused on implementing **web accessibility standards** and responsive design techniques to guarantee optimal user experience across various devices and platforms.

Education

Bachelor Degree in Computer Engineering
Altinbas University - *Istanbul, Turkey*

Oct 2023 - Jun 2027

Associate Degree in Computer Programming
Marmara University - *Istanbul, Turkey*

Oct 2020 - Jun 2022

Projects

Raven - P2P International Delivery Platform (Start-Up)

- Architected backend using NestJS and TypeScript with a focus on scalability and real-time operations.
- Integrated Stream API for secure real-time chat and Azure AD B2C for authentication.
- Developed the cross-platform mobile frontend using **React Native** with **Expo** and **Tamagui** for a performant and fast user experience.

Lady Justice AI - Legal Platform (Justice 4.0)

- Built data pipelines using Azure ML SDK for ingestion and preparation of structured and unstructured legal datasets.
- Developed full-stack modules (React, Node.js, Python) that powered key AI-driven platform functionality.
- Contributed to dataset structuring used for the platform's LLM training.

Coca-Cola Internal Tool Management System (Hogarth Worldwide)

- Built key frontend modules in Next.js and designed scalable component architecture for complex dataset management.
- Developed a backend automation engine (Node.js) that ingested, validated, and digitalized all Excel and physical document workflows.
- Collaborated with system architects and UX teams to align technical decisions with enterprise needs.

Content Management System (CMS) Enhancements (Savion Ray)

- Implemented dynamic UI features (maps, advanced search) using React and JavaScript.
- Improved backend APIs using Laravel, increasing response reliability and reducing latency.
- Ensured consistent accessibility and multi-device support across web applications.