




Full Stack Developer

Hasan Kayan

hasankayanformal@gmail.com +90 506 231 6028

WEBSITE AND SOCIALS

 <https://github.com/hasan-kayan>
 <https://www.hasankayan.com/>
 <https://www.linkedin.com/in/hasan-kayan-37a59319b/>

EDUCATION

Gazi University | Graduated
Electrics and Electronics Engineering

LANGUAGES

English - Professional - C1
German - Starter - A2

SUMMARY

Multidisciplinary software engineer with a strong background in hardware and system design, software development, and web technologies. Experienced across diverse areas of information technology, including image processing, Linux-based systems, and cloud infrastructure management. Proven ability to build scalable solutions across embedded systems and full-stack web development.

Particularly focused on open-source technologies, system-level engineering, and interactive 3D development using frameworks like Three.js. Demonstrates a strong commitment to continuous learning, innovation, and seamless integration of hardware and software.

EXPERIENCE

Software Engineer | September 2024 | ASISGUARD

Serving as a Full Stack and Linux Developer, contributing to embedded system design and scalable application development. Engineered IoT and image processing systems on Linux platforms, optimized CPU and NPU utilization, increased performance up to 30% on RockChip RK3588 to enhance real-time performance, and developed flight control interface modules for end-user applications. Improved system reliability through fault-tolerant design patterns and kernel-level debugging.

Fullstack Developer | September 2023- September 2024 | POLIARK

Designed and maintained scalable backend services and Google Cloud infrastructure while contributing to frontend development for internal and client-facing applications. Led the architecture and delivery of the Kend.ai web application proof of concept, integrating a maintainable CI/CD pipeline to support rapid iteration and deployment. Compared to other CAD applications, Kend provides 27% more efficiency and web support for projects.

Software Developer | February 2023- September 2024 | LINKTERA & LINKTERA ROBOTICS

Developed Robotic Process Automation (RPA) solutions using UiPath, and built scalable web and desktop applications with .NET and .NET Core. Designed custom UiPath Activities in C# to address business-specific challenges and integrate new technologies into the automation ecosystem. Spearheaded cross-functional projects across multiple company divisions, improving automation efficiency and delivering tailored enterprise solutions. Additionally, developed database management automations that reduced migration costs by 40%.

Junior Software Developer | September 2021- February 2023 | AFATEK IT

Contributed to the development of smart city solutions leveraging IoT systems and AI-driven technologies. Focused on backend and embedded software development, implementing device communication protocols and optimizing data flow for real-time urban monitoring systems.

SKILLS

Languages	Frontend	Backend & DevOps	Databases	Cloud/Infra	Hardware
C/C++	ReactJs	ExpressJs	PostgreSQL	Git	PCB Design
Python	ElectronJs	.NET - .NET Core	MySQL	Linux	Altium
Golang	ThreeJs - R3F	gRPC	MongoDB	SVN	FreeCAD
JavaScript	React Native	MQTT		CI/CD	LoRa WAN
C#		Kafka		AWS	GSM
Java		Redis		Google Cloud	KiCAD
Rust					