

MEHADI HASAN

Senior Software Engineer | DevOps | AI/ML | Full Stack Developer

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GitHub: github.com/eshad | LinkedIn: linkedin.com/in/eshad-hasan | Portfolio: eshad.github.io/profile

Profile

Multidisciplinary Software Engineer with extensive international experience in software architecture, DevOps, machine learning, and cloud-native applications. Skilled in managing cross-functional teams, implementing modern DevOps practices, and designing AI-driven systems. Strong expertise in government infrastructure, gaming, e-commerce, and ERP domains across Malaysia, Europe, and the USA.

Technical Skills

Languages: Python, Java, JavaScript, C/C++, C#, PHP, TypeScript, Go, Kotlin, R

Frameworks & Tools: React, Next.js, Node.js, Laravel, ASP.NET Core, Vue.js, Unity, J2EE

DevOps & Cloud: Docker, CI/CD, Jenkins, Git, AWS, Alibaba Cloud, Tencent Cloud, Bitbucket

Databases: PostgreSQL, MySQL, MongoDB, MSSQL, Redis, GraphQL

Other: SignalR, WebSockets, REST APIs, Agile, Jira, Redmine, NGINX, VPS, VMware ESXi

BI/AI: SAS, SPSS, AlphaMiner, Pandas, NumPy, Scikit-learn, TensorFlow

Professional Experience

Senior Software Engineer / Team Lead – MRT/LRT Government Project | Malaysia | 2024 – Present

- Led government-backed GIS project with live mapping and mimic control systems using SignalR/WebSocket
- Managed CI/CD deployment pipelines and migrated legacy systems to open-source platforms
- Delivered FAT/SAT-compliant modules and internal tools for high-efficiency collaboration

Full Stack Developer & DevOps – Gaming Industry | Malaysia/USA | 2023 – 2024

- Developed hybrid mobile games and integrated backend systems (ThinkPHP, Redis)
- Administered cloud infrastructure and secured transaction systems (Alipay, UnionPay)
- Implemented multithreaded PHP/Python APIs and automated build/test environments

Team Lead – DataHostBD | Bangladesh | 2022

- Oversaw microservices development, Git workflows, and Dockerized deployment
- Mentored junior engineers and enforced SOLID architectural principles

CEO & Tech Consultant – Orimpo Inc. | Bangladesh | 2011 – 2016

- Led tech strategy, vendor management, and data governance at the company level
- Directed multi-platform project delivery and business intelligence reporting systems

Education

M.Sc. in Computer Science (Ongoing)

Thesis: AI-Driven Medical Assistant

B.Sc. in Computer Science & Engineering – United International University, Bangladesh (2009–2017)

Thesis: IoT-based Smart Building Energy Management System

Portfolio & Projects

- *LRT Signaling (Malaysia): <https://youtu.be/VxFVLkVqEUo>*
- *ERP & IoT Automation: <https://youtu.be/kqwlsAytyl0>*
- *AI-based Criminal Clustering: DMP Dataset | Game Dev Showcases: <https://youtu.be/1fTcyv6d-VI>*
- *GitHub: <https://github.com/eshad> | Website: <https://eshad.github.io/profile>*