

MUHAMMAD HAMIZI JAMINAN

Lead Full-Stack Engineer | System Architecture | Cloud & DevOps

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PROFESSIONAL SUMMARY

Full-stack engineer and technology leader with more than 20 years of experience in application development, database administration, system architecture, cloud infrastructure, performance tuning, and project management. Delivered more than 20 systems for Telekom Malaysia and led SaaS, DBaaS, container operations, developer security, eKYC, digital identity, drone operations, financial analytics, and mobile platform initiatives. Hands-on across React, Angular, Go, Java, Node.js, NestJS, Express.js, Laravel, AWS, Azure, Docker, Kubernetes, Jenkins, Git, and SQL/NoSQL databases.

CORE SKILLS

Full-Stack Development: React, Angular, Vue.js, JavaScript, HTML5, CSS, Bootstrap, jQuery; Go, Java, PHP, Laravel, Node.js, NestJS, Express.js, AdonisJS, Sails.js, Spring Boot, Python

System Design & Data: Application architecture, SaaS and DBaaS platforms, high-availability database operations, database design and administration, performance tuning; MySQL, PostgreSQL, MongoDB, Elasticsearch, Oracle

Cloud, DevOps & CI/CD: AWS, Azure, TM Cloud, VPS/cloud, bare metal, Docker, Kubernetes, Jenkins, Git, GitHub Actions, GitHub Pipeline, GitLab Runner, deployment and server management

AI-Assisted Engineering: MCP integrations, AI-assisted development workflows, developer automation, and AI-supported security remediation

Engineering Leadership: Technology strategy, technical leadership, project management, business alignment, problem solving, and critical thinking

PROFESSIONAL EXPERIENCE

Senior Full-Stack Developer / DevOps Engineer | Bespoke Sdn. Bhd. | Kuala Lumpur

Jul 2025 - Present

- Lead full-stack development of Hornet Cloud, a SaaS platform that automates cloud server management and deployment, using React, Go, Git, and VPS/cloud infrastructure.
- Build Replico, a DBaaS platform that orchestrates high-availability database operations and integrates deployment through Hornet Cloud.
- Own DevOps and cloud operations for the company's SaaS products, covering deployment automation, server management, performance tuning, and VPS/cloud infrastructure.

Chief Technology Officer | Etesha Sdn. Bhd. | Kuala Lumpur

Aug 2024 - Jul 2025

- Led technology strategy, innovation, and digital transformation, aligning technical direction with business goals and industry best practices.
- Led development of an ESG SaaS platform using Angular, Laravel, Git, Jenkins, Docker, and VPS/cloud infrastructure.

Consultant Full-Stack Developer | CXL Executive Sdn. Bhd. | Kuala Lumpur

Aug 2023 - Jul 2024

- Maintained and improved Telekom Malaysia's Unifi Selfcare Portal and mobile platform across React, Next.js, Spring Boot, Laravel, Jenkins, Docker, Azure, TM Cloud, and bare-metal environments.
- Maintained and optimized iFast, the financial analysis system for TM One, with Git/Jenkins deployment on TM Cloud and bare-metal infrastructure.

Associate Lead Developer / Senior Full-Stack Developer | Aerodyne Group | Cyberjaya, Selangor

Nov 2021 - Aug 2023

- Designed system architecture and developed the core engine of the company's SaaS platform and Unmanned Traffic Management platform for PETRONAS Drone Center.
- Maintained and improved Vertikaliti, a drone- and AI-enabled safety inspection platform serving civil construction customers worldwide, using Angular/Vue.js, Node.js frameworks, EC2, and S3.
- Developed DRONOS, an enterprise unmanned traffic management platform combining asset management, automation, AI analytics, and predictive-maintenance inspection, using Angular, NestJS, Python, Docker, Kubernetes, EC2, and S3.
- Supported products across Angular, Vue.js, Sails.js, NestJS, Express.js, AdonisJS, Laravel, Git, Docker, AWS, Azure, and bare-metal infrastructure.

Assistant Manager / Technical Specialist / Software Engineer | Telekom Applied Business Sdn. Bhd. | Cyberjaya, Selangor

Jul 2010 - Nov 2021

- Developed more than 20 systems for Telekom Malaysia, including eKYC, digital identity, face recognition, smart parking, financial analytics, mobile applications, monitoring, and customer platforms.

EARLIER EXPERIENCE

Full-Stack Developer | Green Apple Software | Batu Pahat, Johor

Jan 2006 - Jul 2010

- Developed custom e-commerce, management, multilevel, booking, mobile, and web portal solutions for clients, including projects protected by non-disclosure agreements.
- Built and deployed solutions with WordPress, CodeIgniter, Laravel, PHP, Vue.js, Bootstrap, Java, Objective-C, Titanium, Git, Docker, VPS, AWS EC2, and S3.

Project Manager | Blossom Impression Sdn. Bhd. | Ayer Keroh, Melaka

Jan 2005 - Dec 2006

- Developed and maintained billing, metering, human resources, and document management systems for Syarikat Air Melaka and Melaka government organizations using PowerBuilder, Oracle, .NET, PHP, CSS, and JavaScript.

Senior Programmer | Ramadhan Consultancy Sdn. Bhd. | Ayer Keroh, Melaka

Jan 2004 - Dec 2005

- Developed and deployed an integrated Smart School System for Jabatan Agama Islam Melaka across schools, staff, and teachers throughout Melaka using PHP, Moodle, HTML, CSS, jQuery, Bootstrap, and bare-metal infrastructure.

SELECTED TECHNICAL PROJECTS

- **DockPod:** Built a self-hosted, single-binary container operations panel and lightweight PaaS in Go, supporting Docker/Podman management, Git-based deployment, database provisioning, live logs and statistics, and MCP-based AI operations.
- **VulnScanner:** Built a unified developer-security platform combining SAST, SCA, secret detection, and IaC scanning with GitHub Actions/GitLab CI, native MCP tooling, and AI-assisted fix pull requests; its approximately 23,000-line codebase scans in about 14 seconds across four engines.
- **Hornet Cloud (SaaS):** Automates server management and deployment using React, Go, Git, and VPS/cloud infrastructure.
- **Replico (DBaaS):** Orchestrates high-availability database operations using React, Go, Git, and Hornet Cloud.
- **Hostiqo.dev:** Automates server management and deployment using Blade, Laravel, Git, and VPS/cloud infrastructure.
- **Alertiqo.io:** Provides real-time production error tracking for PHP, Go, Java, .NET, Python, Ruby, and Node.js applications on VPS/cloud infrastructure.
- **Unifi Selfcare Portal & Mobile:** Maintained and improved Telekom Malaysia customer platforms using React, Next.js, Spring Boot, Jenkins, Docker, Azure, and TM Cloud.
- **iFast:** Developed the TM One financial analysis system, integrated it with Salesforce, and contributed to its TM ONE ACE Award recognition.

EDUCATION

Diploma in Information Technology | Cosmopoint Institute of Technology | Jan 2000 - Dec 2002

SPMV, Automotive | Sekolah Menengah Teknik Kluang | Jan 1996 - Dec 1997

LANGUAGES

English | Bahasa Melayu