

# Muhamad Zulasraf Bin Zulkifli

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Full-Stack Developer with a proven track record in designing scalable web and mobile applications for construction management systems. Proficient in modern frameworks (React, Node.js, React Native) and AI technologies (LangChain, Open AI), I thrive in agile teams to deliver innovative, user-centric solutions that enhance operational efficiency. Passionate about leveraging technology to solve complex challenges.

## WORK EXPERIENCE

### Bina Cloudtech

Full Stack Developer

January 2023–Present

Putrajaya, Selangor

- Spearheaded end-to-end development of Bina Cloud ICMS using TypeScript/Next.js/Nest.js/Golang. Integrated Billplz payment gateway and deployed via Docker/CI/CD, supporting 5,000+ daily users with 99.9% uptime.
- Handled the development of an offline-first mobile application using React Native and WatermelonDB, ensuring seamless access to critical project data in low-connectivity construction sites.
- Created real-time monitoring tools with React.js and Golang to track JKR tenders and email updates to internal teams, automating contract oversight for faster decision-making.
- Spearheaded development of new products by selecting technology stacks, initializing repositories, configuring CI/CD pipelines, and delivering production-ready codebases.
- Developed a generative AI solution for a SaaS platform using the Agno framework, LangChain, Milvus, and Open AI.
- Managed complete deployment pipeline using Docker and Azure App Service, including containerization, auto-scaling, and rollback strategies, achieving zero-downtime releases three times weekly.
- Collaborated with product management to shape product roadmaps, transforming concepts into actionable epics, defining MVPs, establishing success metrics, and delivering releases on time.

### HostAStay

Software Engineer Intern

August 2022–December 2022

Remote

- Enhanced the DE Rantau Digital Nomad Platform with intuitive mobile interfaces using React Native and robust backend APIs.
- Contributed to a property management system and website, improving user engagement and efficiency.

## EDUCATION

### Politeknik Sultan Mizan Zainal Abidin

Majored in Diploma Digital Technology (Software Development)

2019–2022

Dungun, Terengganu

- Graduated with 3.94/4.00 GPA
- 1st place in Final Year Project
- 1st place in Polyskill (Web Development)

## TECHNOLOGIES AND PROGRAMMING LANGUAGES

- **Programming Languages:** TypeScript, JavaScript, Golang, Python, PHP, Java
- **Frameworks & Tools:** React Native, WatermelonDB, React.js, Node.js, Next.js, Nest.js, Laravel, LangChain, Postgres, Mysql, Docker, Git, Python