

Mohammad Saiful

mohd.saiful@live.com | +65 9383 3171 | Github | LinkedIn

Experienced Full Stack Developer with industrial automation expertise. Skilled in JavaScript, React, Angular, Python, and database management. Proficient in AWS cloud services. Committed to innovation and driving technological progress.

EXPERIENCE

GENESIV PTE LTD | FULL STACK DEVELOPER

Feb 2021 – Present

- Successfully develop and manage high-performing applications, prioritizing mobile responsiveness and user-centered design.
- Write efficient APIs and rigorously test software for optimal responsiveness and efficiency.
- Spearhead optimization initiatives, resulting in a significant 3-second reduction in initial data load time and improved overall application performance.
- Collaborate closely with cross-functional teams, including UI/UX and product management, to shape feature design and ensure seamless communication throughout projects.
- Proficiently code for both front-end and back-end, maintaining seamless functionality and conducting thorough troubleshooting and debugging.
- Actively document code changes and enhancements for future reference and effective team collaboration.
- Play a crucial role in deployment processes to ensure efficient application releases and enhance the user experience.

ALS LOGISTIC SOLUTIONS | ASST MANAGER OF FIELD & SERVICE | SYSTEM ENGINEER | TECHNICAL EXECUTIVE

2012 – 2020

- Led equipment maintenance, minimizing downtime and enhancing system reliability.
- Managed inventory efficiently for spare parts procurement and cost-effective solutions.
- Established strong customer relationships through feedback gathering and improved service quality.
- Conducted cost analyses for replacement and ad-hoc maintenance services.
- Oversaw end-to-end equipment installation projects, ensuring efficient execution and troubleshooting.

PROJECTS

ABC-BOOK | MONGODB, EXPRESS, NODEJS

[Link to repository](#)

- Developed the backend for a book borrowing and returning application.
- Utilized NodeJS and Express for application development.
- Employed MongoDB as the database for data storage.
- Implemented TypeScript for type checking and enhanced code readability.

URL-SHORTENER | MONGODB, EXPRESS, REACT, NODEJS

[Link to repository](#)

- Created a URL shortening and redirection application.
- Leveraged the MERN stack (MongoDB, Express, React, Node.js) with TypeScript for development.
- Deployed the application on an AWS EC2 instance using PM2 for process management and Nginx for server configuration.
- Established a CI/CD (Continuous Integration/Continuous Deployment) pipeline using GitHub Actions for automated code deployment and testing.

SKILLS

DEVELOPMENT TOOLS

HTML • Pug/Jade • CSS • SCSS
Javascript/TypeScript • Python • PHP
Angular • React • React Native • Django
Laravel • jQuery • Socket.io • TailwindCSS
MongoDB • PostgreSQL • MySQL

VCS & CLOUD SERVICES

AWS • Git • Github • Github Actions

EDUCATION

GENERAL ASSEMBLY

SOFTWARE ENGINEERING IMMERSIVE
2020 – 2020

UNIVERSITY OF SOUTH AUSTRALIA

BACHELOR'S OF ENGINEERING,
ELECTRICAL
2014 – 2017 | Part-time

NGEE ANN POLYTECHNIC

DIPLOMA IN ELECTRONICS AND
COMPUTER ENGINEERING
2006 – 2009

SOFT SKILLS

Effective Communication |

Effective communication with teams, stakeholders, and clients.

Collaboration Skills |

Thrives in teams, sharing knowledge and supporting colleagues.

Adaptability to Technology |

Quickly adapts to new technologies in software engineering.

Leadership Abilities |

Motivates and guides colleagues, setting a positive example.

Analytical Thinking |

Strong analytical skills for solving complex problems.

Innovative Problem-Solving |

Innovative and open-minded approach to solutions.

Time Management |

Expertly prioritizes tasks, meeting deadlines efficiently across multiple projects.