Lee Forster

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LinkedIn: linkedin.com/in/leeforster28 **| GitHub**: github.com/lfDev28 **| Developer Portfolio**: lee-forster-portfolio.vercel.app

Professional Summary

Passionate Full stack Web Developer with a background in Mechatronics Engineering. Trained in this interdisciplinary field through university, I bring a unique blend of skills and a deep passion for the web development space. With a strong focus on creating seamless user experiences and leveraging innovative technologies, I am dedicated to pushing the boundaries of web development and delivering exceptional results.

Experience

Full Stack Developer   Jan 2018 - Current
Techniche Security & Surveillance, Sydney, NSW
Ref: Mark Abela, PH: 0410 202 969

- Rewrote company's business management software with more modern tools, increasing the development speed and enhancing core features.
- Maintained existing business management tool in the C# .NET ecosystem, regularly debugging issues and limiting downtime of key features.
- Set up and maintained clustered servers using a StarWind vSAN and Microsoft's Hyper-V for a high-level security interface.
- Implemented a CI/CD pipeline for the company's web app, increasing the speed of delivery of new features and bug fixes.
- Optimized SQL queries and implemented caching using serverless Redis deployment for large database calls.
- Conducted a full database migration from Azure SQL to MySQL deployment, using Pandas for data cleaning and processing.

Junior Support Engineer   Jul 2022 - Dec 2022
Veolia Environment Services, Perth, WA
Ref: Steve Strydom, PH: 0407 084 746

- Project-engineered jobs valued between $50-150k.
- Conducted quality assurance for company projects and products, ensuring quality delivery of projects to clients in the mining industry.
- Developed business cases for emerging technologies, providing tradesman with the ability to perform remote inspections using new 360 cameras and software, preventing unnecessary injuries in high-risk environments.

Crew Trainer   Jan 2015 - Jan 2018
McDonald's, Sydney, NSW

Education

Bachelor of Engineering Mechatronics (Hons): Engineering - Macquarie University, Sydney, NSW   November 2023
Related Skills: Software Development, Artificial Intelligence, Image Processing, Embedded Systems, AGILE Projects, Cross-Disciplinary engineering projects.

Higher School Certificate – Oakhill College, Sydney, NSW   December 2018

Technical Skills

Front end Development | Backend Development | System Design | SQL | Embedded Systems Programming | Artificial Intelligence