# CALEB WORTH

Kitakyushu, Japan

0413 534 851 | Email: calebworthpersonal@gmail.com    **Linked**in: linkedin.com/in/calebworth    Portfolio: calebworth.com

GitHub: github.com/calebworth

## PROFILE

Software Engineer who focuses on building robust systems that solve real business problems. I specialise in bridging the gap between heavy data processing and user-friendly interfaces. Experienced in designing offline-capable applications and reliable web systems. Based in Kitakyushu, Japan; open to remote work or local opportunities.

## CORE COMPETENCIES

- Software Development: Java, Web Development (JavaScript/TypeScript), Database Management (SQL).
- Key Strengths: System Architecture, Offline-capable Systems, Web Applications, Process Automation.
- Practices: Reliable System Design, Data Synchronization, User Interface Development, Technical Leadership.
- Tools: Modern Development Tools (Git/GitHub, Azure), Project Management (JIRA).

## PROFESSIONAL EXPERIENCE

### Tech Lead Software Engineer | Medicar Auto Centre

Oct 2024 - Present | Brisbane, Queensland, Australia (Remote/Hybrid)

**Major Duties:**

- **System Design:** Designed a robust desktop application for automotive workshops, ensuring it is easy to maintain and expand for future needs.
- **Offline Capability:** Built a smart synchronization system that allows workshops to keep working even when the internet goes down, automatically updating data when connection is restored.
- **Database Management:** Created automated tools to keep data organized and consistent across different systems, reducing manual work and errors.
- **Key Features:** Developed essential business tools including job booking workflows, interactive calendar scheduling, and automatic invoice generation.
- **Performance:** Optimized the application to run smoothly and quickly, ensuring a good experience for users even during heavy administrative tasks.

**Successes:**

- **Reliability:** Delivered a system that works perfectly offline and syncs reliably, preventing data loss during internet outages.
- **Compatibility:** Solved complex compatibility issues between different data systems, ensuring seamless operation across the business.
- **Efficiency:** Automated technical update processes, making software updates faster and error-free for the deployment team.
- **Business Solutions:** Successfully implemented flexible invoicing and service tracking that adapts to real-world workshop needs.

**Software Engineer | Moddex**

Web-based Operational Tools & CAD Automation

**Overview:**

- Built user-friendly web applications to help the company manage its inventory and parts database effectively.
- Developed automation tools for design software that significantly reduced manual drafting time for the design team.

## EDUCATION

Bachelor of Information Technology - Major in Computer Science

Queensland University of Technology (QUT), Brisbane

## REFERENCES

References available upon request; reference page will be provided.