Jason Parkin

Software Developer Profile

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Detail-oriented and highly organised software developer with expertise in full-stack development, software design, and problem-solving. Strong programming skills in languages such as Java, Python, C++, and JavaScript. Exhibited experience in web application development using HTML, CSS, and various frameworks like React and Angular. In-depth knowledge of database management and SQL, including database design, querying, and optimisation. Proven skills in version control systems such as Git for collaborative software development. Expertise in debugging, testing, and deploying software applications. Solid understanding of software architecture, security, and performance optimisation. Continuous learner with focus on staying updated with latest industry trends and technologies. Collaborative team player with effective communication skills for cross-functional projects and problem-solving. Strong problem-solving abilities and adaptability to changing project requirements. Committed to delivering high-quality code, meeting deadlines, and exceeding client expectations.

Areas of Expertise

- Full-Stack Development
- Web Application Development
- Database Management
- Debugging, Testing & Deployment
- Object-Oriented Programming
- Software Architecture & Security
- Software Engineering Principles
- Algorithms & Data structures
- Quality Assurance
- Code Optimisation
- Continuous Integration
- Performance Optimisation

Technical Expertise

- **Languages**- Java, Python, C++, JavaScript (HTML, CSS), SQL
- **Software**- Eclipse, Android Studio, IntelliJ, Brackets
- Java Programming
- Cloud computing & Mobile Applications

Professional Experience

JB Metropolitan Distributors, Moorebank, NSW   **Apr 2012 – Present**
IT Support Specialist

Provide technical support to over 100 employees across four remote locations. Diagnose hardware and network problems using advanced troubleshooting techniques. Enhance software security to protect against vulnerabilities, ensuring data integrity. Configure hardware and authorise system access for new staff members. Guide customers in issue identification and explain solutions to restore service. Discover potential sales opportunities and report to supervisor. Respond promptly to sales leads and technical support requests.

Key accomplishments:

- Spearheaded special projects, including Java-based staff QR Bundy system and visitor log system, and a JavaScript chatbot utilising Google's API for real-time data feed to users.
- Designed and implemented employee system operational in two distinct locations.
- Engineered visitor system for emergency scenarios.
- Automated numerous repetitive tasks, significantly enhancing workforce productivity by reclaiming valuable hours.

- Individually devised, authored, and constructed streamlined Bundy system, leveraging QR code data.
- Engineered system to store employee work hours, overtime, and entitlements, and facilitate payroll processing using server-stored data.
- Successfully deployed system in two leading distribution firms, with discussions underway for broader distributor group adoption.

Education

Diploma: Information Technology
CoderAcademy Bootcamp - Online

Postgraduate: Information Technology
University of Newcastle - Online

Undergraduate: Java Programming
RMIT University - Online

Licenses & Certifications

- Java Programming Masterclass, Udemy (Online) (Jun 2020 – Present)
- Modding Minecraft: Java, Udemy (Online) (Aug 2021 – Sept 2021)
- Android Java Masterclass, Udemy (Online) (Mar 2020 – Present)
- Machine Learning: Python, Udemy (Online) (May 2021 – Present)
- Unreal Engine C++ Developer Course, Udemy (Online) (Jul 2021 – Present)
- Unreal Engine C++ Mastery Class Udemy (Online) (Jul 2021 – Present)