

DAVID PERLI

Junior Software Developer | Web Development (Front & Back End) | Testing & Debugging | Networking & ICT

0498 359 886 | david.perli2@gmail.com | davidperli.com | Brisbane, QLD

Profile Summary

Junior Software Developer with **3+ years'** experience backed by a **Master's Degree** in IT (Software Engineering). Proficient in **Java, Python, PHP/CSS** and **JavaScript**, with familiarity in **Azure**, Front/Back End and **REST API** development. Strong problem-solving, diagnostic, and communication abilities, adept at gathering requirements, writing code, and supporting complex projects. Experienced in software development methodologies (**Agile/Scrum**), version control (Git), **SQL** databases, and strong skills in software testing/debugging, and **DevOps / CI/CD**. Developing skills in **Full Stack** technologies (**React, Node.js, TypeScript**) and eager to excel as a Junior/Graduate developer.

Core Skills

Professional Skills

Web Development | Coding | Software Testing | Unit Testing / Integration
Software Development Lifecycle (SDLC) | Agile/Scrum | Communication | Teamwork
Collaboration | Adaptability & Flexibility | Analytical Thinking | Problem Solving | Creativity

Technical Skills

Core Languages: Java | Python | JS/TypeScript | Linux Shell/Bash
Web Development: JavaScript | PHP/CSS | RESTful APIs | CMS (WordPress)
Databases: MySQL | Oracle | PostgreSQL | Microsoft SQL Server | MongoDB/Firebase (NoSQL)
Software Frameworks: Spring Boot | Hibernate (ORM) | MERN/MEVN Stacks
Software Development & Testing: VS Code | Eclipse IDE | Junit/Jest | Maven | Jira
Cloud Computing & DevOps: Microsoft Azure | GitLab | CI/CD (Jenkins) | IaC | Docker/Kubernetes
Full Stack: React, Vue.js, Node.js | Express, Next.js, Vite | Tailwind CSS, Material UI

Key Highlights

- ✓ **3+ years** of software development experience as **Software Developer** (Java), **Analyst Programmer** (Java/Python), & JEE Developer contributing to industrial-grade applications, and web applications using PHP/MySQL.
- ✓ **Advanced** understanding of **Full Stack** web app architecture, MVC & frameworks, Database binding (ORM) & query, design patterns, REST APIs, with notions of UX/UI Design, CSS Components/Libraries, App Deployment, Git version control
- ✓ **Developed** and maintained complex **Java/Python applications** for Airbus' manufacturing management, handling bug fixes, change requests, and test plan updates in a **CI/CD** environment (Convergence/Jaguar Projects).
- ✓ **Led the architecture** and development of an **Android app** for IoT drone control in a 20-person Agile team (Drone Colony).
- ✓ **Demonstrated ICT Networking skills** (Cisco CCNA Routing & Switching), notions of infrastructure management (SDN, IaC)

Recent Experience

Professional Full-Stack Development Training

Sep 2024 – Current

Continuous learning

*Actively studying and working on professional projects to fully transition into a **Full Stack Developer**, mastering the key technologies including **React, TypeScript, Node.js, Express, Vue.js, Angular.js, Next.js, CSS tools & libraries (TailwindCSS, Material UI)**, tech stacks (**MERN**), **NoSQL Databases (MongoDB, Firebase)**, REST APIs & GraphQL, dev utilities (**Vite, npm..**)*

- *Worked on a variety of projects and technologies including **Vue.js** (MEVN), in-depth **React** (MERN) and **Node.js** professional applications (ecommerce, social media platform, responsive design..)*
- *Successfully integrated a variety of frameworks and libraries to develop cohesive, scalable and responsive web applications and back-end servers (**Node/Express REST APIs, MongoDB/Firebase**) applications.*

Relevant Past Experience

Junior Software Developer

Jan 2016 – Aug 2017

Labsoft / Sopra Steria, Toulouse

Labsoft / Sopra Steria is a global technology consultancy specialising in software development, IT services, and digital transformation within aerospace and defence.

- Collaborated with the project team to design and develop a complex Java-based application for aeronautics clients.
- Gained practical experience with CI/CD practices using Maven, Jenkins, and Jira, contributing to efficient deployment and integration processes.
- Wrote clean, maintainable code and tested application functionality using the JUnit framework, actively debugging and fixing issues to enhance system reliability.
- Achieved effective team collaboration and smooth code integration using version control management (Git/SVN).
- Brought fresh technical perspectives to optimize development processes and improve project delivery outcomes.

Junior Software Developer (Java/Python)

Jan 2012 – Jun 2015

Sogeti High Tech, Toulouse

Worked across multiple roles as a Software Developer and Analyst Programmer, specialising in Java and Android app development.

- Developed an Android application from scratch to control IoT-integrated Parrot drones, leveraging the Android SDK framework and delivering functionality in an Agile (Scrum) environment.
- Participated in an emergency Java/J2EE restructuring project for Airbus, utilizing Spring and Hibernate frameworks, and ensuring seamless integration with CI/CD tools like Maven and Jenkins.
- Analysed complex requirements and designed test cases to ensure reliability and performance of applications.
- Gained expertise in IoT environments by contributing to R&D projects, focusing on innovative software design and integrating advanced features into drone control systems.
- Presented technical designs and project updates to stakeholders, demonstrating ownership of software architecture, feature definitions, and continuous development.

Web Developer

Jan 2011 – Dec 2011

Sogeti High Tech, Toulouse

Designed, maintained, and enhanced web-based applications using PHP, MySQL, and CSS, focusing on optimising functionality and improving user experience.

- Maintained and improved a web-based IT support ticketing system by developing and refining functionality using PHP, MySQL, and CSS, ensuring a seamless user experience.
- Conducted database migration and updates, optimizing the SQL database for improved performance and scalability.
- Debugged application issues, identifying root causes and implementing fixes to enhance system reliability.
- Proposed and implemented platform enhancements, focusing on usability, performance optimization, and feature evolution to meet user and business requirements.
- Collaborated with cross-functional teams to ensure the system aligned with technical standards and user needs.

Additional Experience

Web Developer

2011 – 2012

Freelance Developer, France

- *Designed and developed WordPress websites, managing CMS and SaaS platforms, web hosting, DNS services, and MySQL databases as a freelance developer.*

Software Developer (Internship)

2010 – 2011

Sogeti High Tech, Toulouse

- *Worked within a team to develop and deploy Java EE applications, leveraging frameworks like JSF, Servlets, and Hibernate.*

Recent ICT & IT Support Experience

Networking & IT Service Desk Training

Jun 2024 – Aug 2024

Logitrain & Self-education

- *Briefly transitioned into ICT gaining hands-on experience in network configuration (routing, VLANs, STP, inter-VLAN routing, ACLs, network security) on Cisco devices, and experience with cloud services (Microsoft Azure)*
- *Trained into IT Service Management and Service Desk with practical experience (Windows Server, Active Directory)*

Other Experience

Various Jobs

2018 – 2024

Digital Marketing, Disability Support Worker, Photographer & Videographer, Warehouse Assistant

- *Intentionally stepped away to embrace outdoor work while traveling across Australia, taking on roles like disability support, warehouse assistant, and farmhand to take me out of my comfort zone.*
- *Pursued creative interests through freelance and salaried roles in photography, videography, and digital marketing.*

Education

Master's Degree in Information Technology (Software Engineering)

Paul Sabatier University (France)

IT Service Management & Service Desk

Logitrain

Advanced Diploma of Telecommunications Network Engineering

Sarina Russo Institute

Certifications

Microsoft Azure Fundamentals

Microsoft 365 Fundamentals

Microsoft Modern Desktop Administrator

Cisco CCNA

References

Available On Request