David Perli

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

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Profile Summary

Junior Software Developer with 3+ years' experience backed by a Master's Degree in IT (Software Engineering). Proficient in Java, Python, PHP 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 CI/CD. Developing skills in Full Stack technologies (React, Node, Vue, TypeScript) and eager to excel as a Junior/Graduate developer.

Core Skills

Professional Skills

Web Development | Coding (Java, Python) | 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 | C++ | Linux Shell/Bash
Web Development: JavaScript | PHP | CSS | RESTful APIs | CMS (WordPress)
Databases: MySQL | Oracle | PostgreSQL | Microsoft SQL Server | MongoDB (NoSQL) | ORM
Software Frameworks: Spring | Hibernate | MERN
Software Development & Testing: VS Code | Eclipse IDE | JUnit | Maven | Jira | NPM
Cloud Computing & Automation: Microsoft Azure | DevOps | CI/CD (Jenkins)
Developing Skills: React.JS, Vue.JS, Node.JS | Express, NEXT.JS, Nuxt.JS, Vite | Tailwind/Bootstrap

Key Highlights

✓ With 3+ years of software development experience in as Software Developer (Java), Analyst Programmer (Java/Python), & Java Developer contributing to full-stack development, app creation, and web solutions using PHP and MySQL.

✓ Developed and maintained complex Java 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).

Relevant 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 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 Experience

Professional Full-Stack Development Training   Aug 2024 – *Current*
Continuous learning

- *Currently actively studying and working on coding projects to fully transition into a **Full Stack Developer**, mastering the key technologies including **ReactJS, Node.js, Express, Vue.js Angular.js, Next.js, TypeScript, CSS (Tailwind/Bootstrap)** and focusing on integrating these frameworks and tools to develop cohesive, scalable web and server (**REST**) applications.*

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)*

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