

Paul Patena

Software Engineer

Paul Michael Patena

14 Heytesbury Dr, Officer South, VIC

0426758179

paul@paulpatena.com

[AWS Certified Solutions Architect Associate](#)

[AWS Certified Developer Associate](#)

<https://www.paulpatena.com/>

Summary

Passionate Senior Software Engineer with 18+ years of experience, specializing in front-end development using React and TypeScript. Expertise in modern web frameworks (React, Typescript, GraphQL) and cloud services (AWS, GCP). AWS certified with proven skills in designing scalable, performant solutions while mentoring teams and improving processes. Strong advocate for best practices, solution design, and collaborative development.

Skills

Front-End: React, TypeScript, GraphQL, Relay, Next.js, Redux, Formik, AgGrid, ECharts, CSS/SCSS, HTML5

Back-End: Node.js, Python Flask, Spring Boot, Java, Kotlin, PostgreSQL, MongoDB

Cloud & DevOps: AWS (Certified Solutions Architect Associate, Certified Developer Associate), GCP, Docker, CI/CD pipelines (TeamCity, Jenkins, Codefresh)

Tools: Git, Bitbucket, JIRA, Confluence, PlantUML, DrawIO

Methodologies: Agile, Scrum, Solution Design, SDLC

Experience

Atlassian – Senior Software Engineer

September 2023 – Present

- Leading front-end development for JIRA Work Suggestions, focusing on scalable, user-friendly interfaces.
- Collaborated on full-stack development but emphasized front-end components, utilizing React, Relay, and GraphQL to optimize UI performance and maintainability.
- Actively involved in the entire SDLC, including solution design, development, testing, deployment, and operational feedback.
- Worked closely with cross-functional teams to implement best practices for code quality and scalability in the front-end architecture.

Key Technologies: React, TypeScript, GraphQL, Relay, Java/Kotlin, Spring Boot

ANZ Bank – Senior Software Consultant

July 2021 – August 2023

- Led front-end development of applications for the bank's credit process application, using React (hooks, Redux, Formik) and SCSS for complex forms and tables (AgGrid).
- Developed and deployed front-end solutions that improved the application's user experience and overall performance.
- Contributed to CI/CD pipelines, ensuring seamless integration and delivery of front-end components.

Key Technologies: React, TypeScript, Redux, Formik, SCSS, AgGrid, Spring Boot, Java, MongoDB, Python

Previous Experience (Condensed)

Family Zone Cyber Safety – Squad Lead & Senior Full Stack Developer

Sep 2020 – May 2021

Led a team that delivered cyber safety web applications for teachers, focused on front-end React development and peer-to-peer streaming.

Leica Biosystems – Software Technical Lead

Apr 2016 – Sept 2020

Led the development of clinical software driving a cancer diagnostic instrument using React, Vue, and Python. Designed the software architecture implemented by 3 teams.

Continental Automotive – Senior Software Engineer

Aug 2015 – Apr 2016 (Melbourne), June 2010 – July 2015 (Singapore)

Worked on the development of automotive software modules, with a focus on embedded C++ for 2D graphics and sound subsystems.

Canon Information Technologies – Software Engineer

May 2008 – Apr 2010

Developed transaction-level models of Canon ASICs for use with software driver development.

Education & Certifications

Bachelor of Science in Electronics and Communications Engineering
University of the Philippines Diliman
2003 – 2008

Licensed Electronics Engineer
Philippines Professional Regulation Commission, 2008