

Amarpreet Bhatia

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Summary

Over 20 years of extensive IT experience in software architecture, design, and development, with a strong focus on innovative solutions for complex enterprise environments. Proven expertise in designing and implementing cutting-edge architectures, including MicroFrontends, Microservices, API Gateways, and Event-driven development solutions. Deep understanding and hands-on experience in building scalable, cloud-native applications using a wide range of technologies including Java, Spring Boot, NodeJS, ReactJS, Docker, and Kubernetes. Proficient in leveraging cloud platforms such as AWS, Azure, and Google Cloud Platform (GCP) to design and deploy robust, high-performance solutions. Skilled in API design and management, with practical experience using tools like Apigee and implementing RESTful services. Strong advocate for DevOps practices and CI/CD implementation, ensuring seamless integration and deployment of software solutions. Experienced in collaborating with cross-functional teams, translating complex business requirements into concrete technical solutions, and mentoring junior developers. Certified in various relevant technologies including AWS Solutions Architect, Kubernetes (CKAD), and SAFe Agile methodologies. Passionate about staying current with emerging technologies and applying them to solve real-world business challenges. Proven track record of successful project delivery in diverse industries including banking, telecommunications, and financial services, with a current focus on innovative solutions for Westpac's digital transformation initiatives.

Professional Experience

Solution Lead (Infosys Australia Employee) | Westpac Sep 2023 - Present

- Led a transformative initiative to modernise legacy web applications using cutting-edge technologies and architectures.
- Spearheaded the adoption of OpenFin to create a composite desktop environment based on Progressive Web Applications (PWAs), significantly enhancing user experience and application performance.
- Architected and implemented a Micro Frontend solution using React, TypeScript, and Node.js, leveraging Webpack's Module Federation for seamless integration of independently deployable frontend modules.

- Designed and developed a new Single Page Application (SPA) with a Navigator web component, improving navigation and overall user interface cohesiveness.
- Played a pivotal role in architectural discussions, contributing to the design of a scalable and maintainable solution that aligns with Westpac's digital transformation goals.
- Built and presented proof-of-concept demonstrations to business stakeholders, effectively communicating technical solutions and their business value.

Technical Lead (Infosys Australia Employee) | Westpac May 2022 - August 2023

- Owned and delivered complex software features using Java, NodeJS, and cloud technologies.
- Defined and implemented scalable architectures, ensuring maintainability and performance.
- Led cross-functional teams, driving successful project completion.
- Adapted to various technical roles, including Software Engineer, Architect, and Technical Manager.

Lead Engineer | Macquarie Group Nov 2021 - Apr 2022

- Collaborated with stakeholders to design and implement solutions aligned with business requirements.
- Played an active role in coordinating, troubleshooting, and reviewing the work across teams both onsite and offsite.

Senior Technical Manager | Cognizant Australia Dec 2016 - Nov 2021

- Led multiple projects as a full-stack community leader, delivering cutting-edge solutions.
- Crafted comprehensive technical solutions for new projects, ensuring alignment with client needs.
- Implemented CI/CD pipelines and worked with containerization technologies (Docker, Kubernetes).
- Played roles of Solution Architect and Feature Lead across various projects.

Sr. Full Stack Developer | Telstra (Cognizant Australia Resource) Mar 2018 - Apr 2021

- Designed and developed microservice applications using Java, Kotlin, and AWS.
- Built UI components using NodeJS, ES6, ReactJS, and Redux.
- Collaborated with product and design teams to create future-proof interfaces.
- Participated in DevOps activities, including CI/CD, test automation, and monitoring.

Previous Roles:

- Developed solutions using Event-Driven Architecture and CQRS patterns on microservices, utilising Java, Spring Boot, Node.js, and Kotlin at ANZ, Melbourne.
- Designed and developed end-to-end integration solutions in the Payment Domain (SWIFT Messaging) at Credit Suisse, Zurich.
- Offshore Lead at Capgemini, India, for Rabobank (NL) client on a web-based Java/J2EE application.

Education

Bachelor of Engineering (B.E.), Computer Science & Engineering Rajiv Gandhi Prodyogiki Vishwavidyalaya, 1999 - 2003

Certifications

- AWS Certified Solutions Architect - Associate (SAA)
- Certified SAFe® 5 Practitioner
- CKAD: Certified Kubernetes Application Developer