

Pravin Patel

Profile Summary:

Seasoned **Lead Software Engineer** with 10+ years of experience architecting, developing, and delivering large-scale, high-performance applications. Skilled in **Java SE/EE, Spring Boot, Kafka, AWS, and modern cloud-native architectures**. Adept at leading engineering teams, driving end-to-end delivery, and ensuring alignment of technical solutions with business strategy. Strong background in microservices, event-driven design, and distributed systems. Proven ability to mentor developers, optimize processes, and deliver enterprise-grade solutions with measurable impact. **AWS Certified** with expertise in cloud deployments, CI/CD pipelines, and performance optimization.

Technical Skills:

- **Leadership & Strategy:** Technical leadership, team mentorship, architecture design, agile project delivery, stakeholder management.
- **Backend Development:** Java SE, Java EE, Spring Boot, Hibernate, JPA, event-driven architecture.
- **Databases:** Oracle, MySQL, PostgreSQL, DynamoDB, SQL.
- **APIs & Integration:** RESTful APIs, SOAP, microservices, messaging systems (Kafka, SNS, SQS).
- **Frontend:** React, Angular, JavaScript, Node.js, HTML.
- **Cloud & DevOps:** AWS (EC2, RDS, S3, Lambda, CloudFormation, ECS, ECR, API Gateway, DynamoDB, Athena, Snowflake), Docker, Kubernetes, CI/CD.
- **Monitoring & Optimization:** Splunk, Dynatrace, application performance tuning.
- **Collaboration & Tools:** Git, JIRA, Confluence, Agile (Scrum/Kanban).

Professional Experience:

Capital One, New York – Principal Associate

March 2021 – PRESENT

- **Switcher Microservice (Lead Engineer):** Directed the architecture and development of a Java-based microservice that enables customers to seamlessly transfer recurring transactions from external accounts to Capital One accounts.
 - Designed database schema, selected technologies, and defined end-to-end solution architecture.
 - Led a team of engineers in building MVPs and executing phased production rollouts with zero downtime.
 - Coordinated with product owners and stakeholders to deliver business-critical solutions, improving customer retention.
- **Online Account Opening:** Developed and maintained a secure, scalable, and user-friendly online account opening platform that allowed customers to open new accounts and initiate initial funding seamlessly. Utilized Java SE, Spring Boot, and AWS technologies to ensure a high-performance user experience. Designed and implemented the OAO-UI using Angular to provide a seamless user interface for customers, integrated with various downstream APIs to ensure a smooth flow of information and a seamless customer experience.
- **Initial Funding API:** Built and maintained a robust initial funding API that allowed customers to fund their new accounts securely and efficiently. Utilized Java SE, Spring Boot, and AWS technologies to ensure a fast and reliable experience for customers. Integrated with various downstream APIs to provide a seamless flow of information and customer experience.
- **Create Account API:** Developed and maintained a reliable create account API that allowed customers to create new accounts with ease. Utilized Java SE, Spring Boot, and AWS technologies to ensure a smooth and user-friendly experience for customers. Worked closely with stakeholders to gather requirements and ensure that the API met the needs of customers and the business. Integrated with various downstream APIs to provide a seamless flow of information and customer experience.

Amazon, Seattle – Contractor Senior Software Engineer

October 2020 – March 2021

- **HR Management Portal:** Developed and maintained a secure and scalable HR management portal for a large organization using Java and various AWS services. Utilized AWS Athena for batch processing of employee data and ensuring data accuracy and consistency. Implemented various features and functionalities to improve the user experience and increase efficiency.

JP Morgan Chase, Seattle/New Jersey – Senior Software Engineer

April 2016 – October 2020

- Developed and maintained Java-based web applications for various business domains using Spring Framework, Spring Boot, and other technologies.
- Worked on high-throughput and resilient applications using technologies such as Kafka, Snowflake, and Splunk.
- Implemented various features, such as RESTful web services, SOAP web services, and batch processing.
- Worked with a team of developers, designers, and project managers to deliver high-quality software on time and budget.
- Acted as a mentor to junior developers, providing guidance and training on Java development and Spring Framework.
- Utilized Agile methodologies such as Scrum and Kanban to manage projects and deliver software on time.
- Worked with Splunk, Dynatrace, and other monitoring and logging tools to troubleshoot and optimize the performance of applications.

Wells Fargo, Philadelphia – Web Developer

October 2014 – April 2016

- Worked as a Java developer, responsible for developing and maintaining Java-based web applications using Spring Framework, Hibernate, and other technologies, AngularJS, HTML, and JavaScript
- Implemented various features, such as RESTful web services, SOAP web services, and batch processing.
- Worked with a team of developers, designers, and project managers to deliver high-quality software on time and budget.
- Utilized Agile methodologies such as Scrum and Kanban to manage projects and deliver software on time.

Education

- Bachelor of Science in Information Technology, Gujarat University, 2011

Certifications :

- AWS Certified Solution Architect - Associate
- AWS Certified Developer - Associate
- Oracle Certified Professional, Java SE Programmer