Priya Pandey

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Experience

Lowe's India (Software Engineer)
November 2025 – Present

- Designed and implemented Kafka-based backend data pipelines, enabling seamless event streaming from mobile apps to Kafka topics in Avro format, improving real-time data consistency and processing efficiency by 35%.
- Gained cross-functional expertise by bridging mobile and backend systems, analyzing the complete data flow from mobile app events through Kafka pipelines and microservices to final database storage, improving overall system reliability and architectural understanding

Lowe's India (Associate Software Engineer)
June 2024 – November 2025

- Engineered and maintained a cross-platform Delivery App using Swift(iOS) and Kotlin(Android), supporting over 5,000+ daily active drivers and achieving a 99.5% crash-free session rate.
- Implemented secure ADFS-based authentication, intuitive truck selection, streamlined order loading, and map-based navigation, reducing driver onboarding time by 30% and cutting delivery errors by 25%.
- Developed advanced features such as geofencing, Route Re-optimization Technology (RRT),and real-time delivery tracking, which enhanced on-time deliveries by 20% & boosted customer satisfaction scores by 15%.
- Integrated Firebase Crashlytics for crash and log monitoring and Pharos for real-time driver analytics, resulting in a 40% reduction in high-priority bugs and improved driver compliance.

Project

Raseed

- Developed an AI-driven receipt management prototype integrating Google Wallet, leveraging Google Gemini for multimodal analysis and Vertex AI for intelligent data management.
- Automated wallet pass updates, added local language support, and enhanced financial services, improving user accessibility and financial well-being.

HMRS App-Tracker

- Led the development and deployment of a scalable HRMS application using Spring Boot and PostgreSQL, resulting in a 30% increase in operational efficiency by streamlining job advertisement management processes
- Spearheaded the integration of RESTful APIs, enhancing the application's interoperability and enabling seamless data exchange with third-party systems, which refined user engagement by 25%.

Skills

- Languages: Core Java, Microservices, C++, PostgreSQL, MongoDB, Kotlin
- Development Tools: Intellij IDEA, Android Studio, Xcode, Visual Studio Code
- Course work: Data Structure & Algorithms,Oops
- Technologies & Tools: Spring Boot, MVC, REST APIs, Kafka, Spinnaker, GCP, Docker, CI/CD, jUnit, Redis, Git, Atlassian (Bitbucket, Jira, Confluence)

Honours and Achievement

- Lowe's Spot Award for demonstrating a strong drive to rapidly learn both Android and iOS development.
- Participated in Google's 30-hour hackathonAgent AI.
- Solved more than 700 questions on various platforms including Gfg, LeetCode etc.

Education

National Institute of Technology, Silchar
(GPA: 9.4/10.0)
Bachelor of Technology, ECE
November 2020 - May 2024