Rittik Ghosh

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Professional Summary

Results-driven Software Engineer with 2+ years of experience developing scalable and high-performing applications. Skilled in Android development, backend systems, and API integration. Adept at delivering end-to-end solutions in collaborative environments. Actively exploring AWS and Docker to strengthen expertise in cloud-native solutions and distributed systems.

Work Experience

Gtech Web Solutions Pvt Ltd.   June 2023 - Present
Android Developer

- Designed and implemented a scalable mobile platform processing over 1M+ data entries with high efficiency and integrity.
- Migrated legacy applications to the latest Android SDKs and libraries, improving performance and scalability.
- Monitored performance metrics and iteratively improved application efficiency, reducing load times by 15%.
- Engineered features using Kotlin Coroutines and Dagger-Hilt, enhancing app responsiveness by 20%.
- Collaborated with cross-functional teams to deliver robust UI/UX refreshes and critical bug fixes.

Webhibe Technologies Pvt Ltd.   Dec 2022 - May 2023
Android Developer

- Spearheaded the complete Android development lifecycle, from design to deployment, for client applications.
- Delivered high-quality, scalable, and secure solutions for complex business requirements.
- Worked closely with product teams to create seamless user experiences.

Project Work

Memozen Task Management App (2024): A comprehensive app to manage tasks, deadlines, and reminders.
- **Technologies:** Node.js, Postgres, React Native.
- Developed and deployed a distributed architecture supporting 1,000+ concurrent users with real-time synchronization.
- Built an API gateway with Node.js, integrated with Postgres for real-time updates.
- Implemented Redux for efficient state management and real-time updates.
- Implemented real-time monitoring tools to ensure seamless synchronization and debug issues during deployment, maintaining 99% uptime for task management functionalities.

Member Application (2024): Financial app enabling customers to manage payments, funds, and shares.
- **Technologies:** Java, Kotlin, SQL, Android Studio.
- Enhanced user experience by implementing real-time updates and efficient database operations.

Gyrate Shopkeeper (2023): Online grocery platform with inventory management for shopkeepers.
- **Technologies:** Java, XML, PHP.
- Optimized shopping and delivery operations, increasing efficiency by 30%.

Skills

Programming Languages: C/C++, Java, Kotlin, Java Script, XML, PHP, SQL

Technologies Frameworks: Android SDK, Firebase (Auth, Cloud Messaging) SQLite, Retrofit, Node.js, MS SQL Server, Postgres, React Native, GitHub

Concepts: MVVM, REST APIs, Push Notifications, Sensors (Accelerometer, Gyroscope), MVC, Agile, CI/CD Pipelines

Currently Learning: AWS, Docker, React Native, Redux Toolkit, TypeScript

Education

Techno Main Saltlake
Bachelor of Technology in Electrical Engineering   *CGPA: 8.06/10*
Relevant Coursework: Object Oriented Programming, DBMS, Computer Networks