CHIRAG DHUNNA

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Objective

Full-stack Engineer with 1+ years of hands-on experience shipping scalable applications at scale. Strong in system design, cloud architectures, CI/CD automation, and performance optimization. I build things that work — and keep working.

SKILLS

- **Programming Languages & Frameworks:** C++, Python, Javascript, Java, Dart, React
- **APIs & Databases:** Node.js, Express.js, REST APIs, MongoDB, MySQL, Firebase, SQLite
- **Tools/Technologies:** Android SDK, Android Studio, Azure, AWS, Version Control: Git/GitHub

EXPERIENCE

Engineer, TCS   April 2025 – Present

- Architected and delivered enterprise-grade conversational AI solutions leveraging AWS and Azure cloud platforms, enabling scalable, secure, and high-availability chatbot deployments for large user bases.
- Developed and integrated full-stack chatbot interfaces using React, ensuring seamless user experiences while supporting real-time interactions and dynamic conversational flows.
- Implemented robust backend services using Java and Spring Boot to handle conversation orchestration, API integrations, authentication, and data persistence at scale.
- Collaborated with cross-functional teams to integrate LLM-powered workflows into existing enterprise systems, streamlining business processes and enhancing operational efficiency.

SDE , BlueMango Labs   July 2024 – Dec 2024

- Automated app distribution processes using Fastlane, creating a script to email application builds directly to testers, improving the efficiency of the testing and deployment workflow.
- Implemented internationalization features, enabling support for multiple languages and improving accessibility for users in diverse regions.
- Improved audio and video call functionality using Livekit, ensuring a smoother user communication experience and reducing connection issues.
- Integrated live streaming functionality using Livekit to deliver a high-quality real-time interaction experience with minimal latency.

SDE Intern, BlueMango Labs   Jan 2024 – June 2024

- Redesigned user interfaces for SuperAstro and Kosmic apps, conducting user research and prototyping to improve user experience and interface usability.
- Adopted Domain-Driven Design principles to improve code quality and maintainability, collaborating with senior developers to align development with business objectives.
- Integrated APIs and MQTT brokers to enhance app scalability and support higher concurrent user activity during peak loads.
- Deployed Firebase notifications and interactive features to improve user engagement and encourage active participation on the platform.

PROJECTS

Montra | Full-Stack Expense Tracking App (Flutter + Node.js)   Link

- Designed and developed a full-stack personal finance tracker with budget planning, multi-account support, and exportable analytics.
- Built RESTful API backend using Node.js, PostgreSQL, and Express with modular architecture and secure endpoints.
- Integrated SQLite for local storage, BLoC for state management, and Freezed for immutable data modeling in Flutter.
- Delivered rich UI/UX with responsive dashboards, recurring transaction logic, and category-based spending reports.

EDUCATION

RGPV University, Bachelor of Engineering in Computer Science

- CGPA: 8.7