Sourav Dey

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EXPERIENCE

Level Fittech Pvt. Ltd.   September 2022 – Present
Lead Android Developer
Mumbai, Maharashtra

- Reduced Android app crash and ANR rates by 30% through systematic refactoring.
- Improved build speed by 40% by modularizing the codebase and optimizing Gradle setup.
- Migrated 20K+ lines from XML-based monolith to Jetpack Compose with Clean Architecture.
- Built the Android experience that led Level SuperMind to win Google Play's "Best App of 2023 in India."
- Deployed 200+ successful updates on Google Play Store.

Jarurat Care
Tech Lead
Remote   Jul 2024 – October 2024

- Led a 7-member team to deliver a full-stack healthcare platform with Svelte frontend and MERN backend.
- Performed regular code reviews, improving code quality and reducing bugs by 30% through best practice guidance.
- Collaborated in Agile sprints with cross-functional teams to deliver features and improve workflows.

EDUCATION

Heritage Institute of Technology, Kolkata   Mar 2019 – June 2023
Bachelor of Technology in Computer Science (GPA: 8.64 / 10.0)

DAV Koylanagar, Dhanbad   Mar 2018 – Feb 2019
Senior Secondary (Class 12 - CBSE) (Percentage: 93 / 100)

PROJECTS AND FREELANCE

Proxy API Backend Service
Technologies: Node, Express, MongoDB, AWS, Putty

- Built scalable backend to allocate 5,000+ rotating proxies with usage tracking and country-based routing.
- Enabled flexible proxy assignment, supporting over 1M requests/month with <250ms average response time.

Gemini Chat Bot (Android)
Technologies: Kotlin, Gemini AI, Jetpack Compose, Clean Architecture, Multi-Module Architecture

- Optimized modular codebase for scalability and maintainability, reducing development time by 25%.
- Implemented seamless, reactive UI with Jetpack Compose, enhancing user experience within 20 days.

AI-Powered Movie Recommendation System
Technologies: Python, Flask, Pandas, Scikit-learn, CountVectorizer, Cosine Similarity

- Built content-based recommendation system delivering 20 movie suggestions per query using hybrid TF-IDF and Count vectorization
- Implemented multi-feature analysis (genres, cast, plot) achieving 40% memory efficiency improvement

TECHNICAL SKILLS

Programming Languages: Kotlin, XML, C, C++, Python, JavaScript, Java, TypeScript, SQL

Frameworks and Tools: Jetpack Compose, Clean Architecture, Multi-Module Architecture, Node.js, Express, Flask, React.js, MongoDB, PostgreSQL, Docker, AWS, Gemini AI, Redis, WebSocket, Firebase Auth, Git, GitHub Actions

Concepts: Backend Proxy Management, Real-Time Communication, Microservices Architecture, RESTful APIs, CI/CD, NLP and Intent Recognition, Cloud Deployment, Agile Development, Scalable System Design, Automated Auditing