Debdaru Dasgupta

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⌗ github.com/Debdaru07/Debdaru07
🌐 Portfolio Website

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Summary

Creative and results-driven Software Developer with 3+ years of experience in full-stack development, specializing in Flutter, AI-powered applications, and scalable UI systems. Proven success in leading mobile/web products, integrating OpenAI APIs, and mentoring developers.

Skills

Languages: Dart, Python, JavaScript, TypeScript, C
Frameworks: Flutter, Angular, React, Node.js, Express.js
Tools: Azure DevOps, Firebase, Git, Docker, Figma

Databases: PostgreSQL, MongoDB, SQLite, ChromaDB
Concepts: REST, GraphQL, WebSockets, Clean Architecture
Practices: Agile, CI/CD, TDD

Experience

Software Developer   *Tri Color Initiatives – Panchkula, Haryana*
March 2025 – Present

- Spearheaded web and mobile development across 5+ AI MVPs integrating vector databases and OpenAI-powered conversational assistants.
- Built an end-to-end AI-driven language tutor using FlutterFlow and Firebase; led onboarding architecture and mentored a junior developer.
- Enhanced task automation flows in an agile project management tool, increasing team efficiency and user engagement.
- Directed scalable design systems and reusable UI architecture for smart assistant platforms, ensuring performance and accessibility.

Software Developer   *Agelix-Consulting Pvt. Ltd. – Gurgaon, Haryana*
August 2022 – February 2025

- Developed production-grade mobile applications in Flutter for both Play Store and App Store deployment.
- Integrated GraphQL and REST APIs to improve real-time synchronization, server-client data flow, and modular API communication.
- Engineered a legal mediation web platform used by government litigators, enabling scalable digital case resolution.
- Implemented CI/CD pipelines with Azure DevOps, introducing automated QA builds and artifact staging to accelerate deployment.
- Translated high-fidelity Figma prototypes into responsive, maintainable UI with emphasis on clean architecture and TDD.

Projects

NewsForg   🔗 newsforg.netlify.app
Single-handedly built the CMS WebApp; backend under development in Node.js.

Portfolio Website   🔗 debs-portfolio-1099.netlify.app
Features complete achievements, work history, and project summaries.

Let's Chat   🔗 realtime-chat-application-kh5x.onrender.com
Built to understand WebSockets; supports real-time messaging and image sharing.

Education

Bachelor of Technology in Electronics and Telecommunication Engineering
Kalinga Institute of Industrial Technology, Bhubaneswar – Odisha   2018 – 2022
CGPA: 8.0
Relevant Coursework: Data Structures, DBMS, Networking