

AKASH MANI

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Summary

Motivated Computer Science student skilled in Java, C++, and MEAN stack development. Strong foundation in full-stack application design, mobile app creation, and data analytics. Adept at transforming ideas into working solutions with attention to usability, scalability, and performance. Seeking a role in software or backend engineering to contribute to impactful projects.

Education

B.Tech in Computer Science and Engineering

2023 – Present

Narula Institute of Technology, Kolkata

Higher Secondary (XII) – 76.17%

2022

T.N.B. Collegiate, Bhagalpur

Technical Skills

Languages: Java, C++, JavaScript **Web/App Development:** MEAN Stack, Android, Django **Databases:**

MongoDB, MySQL **Tools:** Git, GitHub, VS Code, Figma, Adobe XD **Core CS:** Data Structures & Algorithms, OOP, DBMS

Experience

Web Development Intern

Apr 2025 – Jun 2025

CodeCrafters Technologies (Remote)

React, Node.js, MongoDB, GitHub

- Built and optimized responsive web pages using React and Tailwind CSS, ensuring compatibility across devices.
- Developed RESTful APIs with Node.js and Express to handle authentication, product listings, and user profiles.
- Integrated MongoDB for secure storage of dynamic user and product data.
- Collaborated with a remote team using GitHub for version control, pull requests, and Agile task tracking.
- Gained practical experience in full-stack development, debugging, and deploying projects on cloud platforms.

Projects

Medical App & Website — Android, Figma, Adobe XD

2024

- Developed an Android app that provides medicine recommendations, dosage instructions, and home remedies for common illnesses.
- Collaborated with a medical professional to validate application content, ensuring accuracy and user trust.
- Designed a clean and user-friendly interface using Figma and Adobe XD, making the app intuitive for all age groups.
- Implemented SQLite database for offline access, enabling users to check saved prescriptions without internet.
- Integrated push notifications to remind users of medicine dosage timings, improving usability and adherence.

Gamified Financial Literacy Platform — MEAN Stack

Ongoing

- Creating an interactive platform that teaches financial management, stock market basics, and saving strategies through gamification.
- Incorporated feedback from industry experts and academic mentors during a college innovation event to improve usability and learning outcomes.
- Leveraging MEAN stack to ensure scalability, responsive design, and a seamless learning experience.
- Built leaderboard and reward-point system to engage users and motivate consistent learning.
- Integrated real-time stock market API (dummy data mode) to simulate portfolio management for beginners.

Certifications & Achievements

- Android Development Training Program (BCT Training): Completed 60-hour program; developed a functional to-do list app as final project.
- MEAN Stack Development Training Program (BCT Training): Earned certification by completing hands-on projects and building end-to-end applications.