

ARIJIT DAS

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SUMMARY

Full-stack developer experienced in React.js, Next.js, Node.js, Express.js, and Python; builds scalable, high-traffic applications with clean, maintainable code. Hands-on with real-time features, authentication/authorization, and data-centric workflows across e-commerce and fintech. Strong in OOP, debugging/testing, and cross-functional collaboration with clear communication.

TECHNICAL SKILLS

- **Programming Languages:** C, C++, Java, JavaScript, SQL
- **Developer Tools & Technologies:** React.js, Next.js, Node.js, Express.js, REST APIs, MySQL, Git, GitHub, AWS(EC2,Lambda), Data Structures & Algorithms, Object-Oriented Programming

PROJECTS

Cortexa - Remote Interview Platform — React.js, Next.js 14, Node.js, Express.js, Convex, Clerk — [GitHub] **May-Jul 2025**

- Built a full-stack video interviewing platform using Next.js 14, TypeScript, and Convex with real-time video calls, Clerk authentication, and an interactive code editor supporting 4 languages (JavaScript, Python, C++, Java) for conducting technical interviews with live coding capabilities.
- Architected comprehensive interview scheduling system with calendar integration and real-time data synchronization across the platform, designed for high scalability and performance across multiple user roles including interviewers, candidates, and administrators.
- Implemented role-based access control and complete interview lifecycle management (upcoming, in-progress, completed, succeeded, failed) via server-side mutations ensuring reliable session management, data integrity, and seamless user experience.

ShopEZ - E-Commerce Platform — React.js, Node.js, Express.js, MongoDB — [GitHub] **Mar-Apr 2025**

- Engineered a responsive e-commerce UI in React.js for seamless cross-device product discovery with advanced category filtering, search functionality, and dynamic shopping cart management, written with clean and maintainable code following industry best practices.
- Built comprehensive administrative interface with Node.js and Express.js to efficiently manage 300+ products and process orders with pagination for 1,000+ records, implementing RESTful APIs with optimized database queries that reduced response times by 40% during peak traffic.
- Implemented secure JWT-based authentication with protected routes, automated email notifications for order confirmations and status updates, and secured sensitive user data with MongoDB encryption and validation best practices.

RakshaChakra - Secure Mobile Banking — Dart, Flutter, Python, Machine Learning, AWS — [GitHub] **Jun-Jul 2025**

- Collaborated and deployed a security-first mobile banking application with Dart & Flutter, integrating biometric authentication and advanced touch/motion verification features to reduce unauthorized access by 60% while maintaining intuitive user experience across Android and iOS platforms.
- Implemented cloud-based behavioral analytics system on AWS EC2 analyzing 25+ user behavior patterns including typing speed, touch pressure, and device orientation with robust multi-factor authentication and real-time monitoring for enhanced security.
- Built on-device ML processing using TensorFlow Lite to keep 95% of sensitive data local for privacy and developed Python-based fraud detection backend with machine learning models achieving 92% accuracy in identifying suspicious transactions.

ACHIEVEMENTS & CERTIFICATIONS

- **Canara Bank Suraksha Hackathon 2025:** Top 105 teams from 4,000+ participants in nationwide fintech cybersecurity competition, demonstrating excellent communication skills and teamwork
- **Smart India Hackathon 2024:** Participated in national hackathon developing innovative technological solutions, showcasing strong collaboration and communication abilities
- **IBM Gen AI Certification:** Completed comprehensive training in generative AI technologies for cutting-edge software development

EDUCATION

Vellore Institute of Technology

Bachelor of Technology (B.Tech), Computer Science and Engineering

Oct 2022 - Jun 2026

CGPA: 8.8/10.0