

ARIJIT DAS

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TECHNICAL SKILLS

- **Programming Languages:** C,C++,Java, Python, JavaScript, SQL
- **Developer Tools & Technologies:** React.js, Node.js, Express.js, REST APIs, MySQL, Git, GitHub, AWS, Postman, Data Structures & Algorithms, Object-Oriented Programming.
- **Relevant Coursework:** Data Structures & Algorithms, Object-Oriented Programming, Database Management Systems, Computer Networks, Operating Systems, Design and Analysis of Algorithms, Theory of Computation, Compiler Design

ACHIEVEMENTS & CERTIFICATIONS

- **Smart India Hackathon 24'** : Participated in India's top hackathon
- **Canara Bank Suraksha Hackathon 25'** : Selected in top 105 teams among 4000+ teams
- **Programming Proficiency** : Solved 200+ DSA problems across LeetCode, Codeforces,CodeChef
- **SmartBridge Mern Stack Developer Certification** : Expertise in MERN stack solutions.
- **IBM Gen AI Certification** : Mastered cutting-edge generative AI techniques.
- **Great Learning Introduction To NLP Certification** :Mastered Modelling Techniques for NLP

PROJECTS

RakshaChakra — Dart , Flutter , Python , Machine Learning , Android Development , AWS— [GitHub] **June 2025**

- Built 'Raksha' mobile banking security application employing continuous behavioural biometrics for real-time user verification via touch and motion patterns, decreasing unauthorized account access by 60% and fraudulent transactions.
- Implemented a cloud-based ML pipeline for Raksha , analyzing 25 + behavioural features with real-time risk scoring and adaptive authentication to block suspicious activities.
- Engineered Raksha's on-device processing module, enhancing user privacy by keeping 95% of biometric data local and decreasing server latency by 30% during peak authentication periods.

ShopEZ - E-Commerce Platform — React.js, Javascript, Tailwind CSS , Node.js , MongoDB — [GitHub] **March 2025**

- Developed a responsive e-commerce platform with a user-friendly interface, enabling seamless product browsing, detailed descriptions, customer reviews, and discount navigation across 3 device types (desktop, tablet, mobile).
- Created a robust admin panel for efficient management of up to 300+ products ,orders, users utilizing Redux Toolkit and AsyncThunk for state management and pagination to handle datasets of up to 1,000+ records.
- Enhanced robust security features, including bcrypt-encrypted password storage for all user accounts, JWT-based authentication with refresh and access tokens expiring in 24 hours, and automated SMTP email notifications for all password resets and order confirmations

WORK EXPERIENCE

Engineering Project in Community Service (EPICS)

Aug 2024 - March 2025

Software Developer , VIT Bhopal

- Collaborated on an educational AR application in Unity, delivering real-time academic support with interactive 3D visualizations for 10+ subjects to aid student learning.
- Incorporated advanced AR functionalities, including dynamic object tracking and intuitive visual overlays, increasing student engagement by 25% in user testing session
- Crafted a user-focused UI/UX design, streamlining navigation and interaction for 500+ student users, ensuring accessibility across mobile and tablet devices.

Education

Vellore Institute of Technology, Bhopal

Aug 2022 – Oct 2026

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

CGPA: 8.76/10.0