

# 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, Postman, Data Structures & Algorithms, Object-Oriented Programming.

## 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** —Developed expertise in MERN stack solutions.
- **IBM Gen AI Certification** — Mastered cutting-edge generative AI techniques.
- **Modeling and Analytics in Supply Chain Management** —Learned advanced supply chain optimization.

## PROJECTS

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

- Built Raksha, a mobile banking security app using continuous behavioural biometrics to verify user identity in real-time via touch and motion patterns , minimizing unauthorized access.
- Implemented a cloud-based ML pipeline for Raksha , analyzing 25 + behavioural freatures with real-time risk scoring and adaptive authentication to block suspicious activites.
- Designed Raksha with privacy-focused on-device processing , encrypted data transfer, and a behavioural dashboard for transparent , scalable user activity.

**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 devices.
- Implemented a robust admin panel for efficient product , order and user management , utilizing Redux ToolKit and AsyncThunk for state management and pagination for handling large datasets .
- Enhanced security with encrypted password storage, secure authentication using refresh and access tokens and automated email notifications for password resets and order confirmations.

## WORK EXPERIENCE

**Project Exhibition 1**

**Aug 2023 - Oct 2023**

*Software Developer , VIT Bhopal*

- Helped developing an AR app using Unity to innovatively showcase and advertise various products
- Increased the performance of the project through optimization and effective team co-ordination
- Led and managed a multidisciplinary team ensuring cohesive collaborative and successful achievement of project goals

**EPICS Project**

**Aug 2024 - March 2025**

*Software Developer , VIT Bhopal*

- Helped developing an augmented reality educational app that provides interactive, real-time assistance to students for resolving academic doubts.
- Integrated smart AR features to enhance learning engagement and deliver personalized support through intuitive visualizations.
- Designed it with intuitive interfaces, enabling seamless navigation of dynamic 3D educational content.

## Education

**Vellore Institute of Technology, Bhopal**

**Aug 2022 – Oct 2026**

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

*CGPA: 8.76/10.0*

- **Relevant Coursework:** Data Structures & Algorithms, Object-Oriented Programming, Database Management Systems, Computer Networks, Operating Systems , Design and Analysis of Algorithms , Theory of Copmputation , Compiler Design

**Shishu Shikshayatan High School, Kakdwip**

**Apr 2020 - Apr 2022**

*Class XII - 92%*