# 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.

## 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