# ARIJIT DAS

📞 +91-9475101535| ✉ dasarijit5704@gmail.com | 🔗 linkedin.com/in/arijit-das-66b5b5248 | ⚙ github.com/D-Arijit57 |

## 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++, JavaScript , Python3, SQL
- **Developer Tools & Technologies:** React.js, Next.js, Node.js, Express.js, REST APIs, MySQL, Git, GitHub, AWS(EC2 and Lambda), Data Structures & Algorithms, Object-Oriented Programming

## PROJECTS

**Cortexa - Remote Interview Platform** — React.js,Next.js, Node.js, Express.js — [⚙ — **Live**]      **May-Jul 2025**
- Engineered a full-stack scheduling architecture capable of managing 17+ daily time slots, reducing manual coordination time by approximately 40%.
- Orchestrated 3 external services (Stream, Convex, Clerk) to automate video room generation, resulting in a zero-latency handoff between authentication and meeting start.
- Developed a high-speed validation workflow that verifies meeting credentials in under 1 second, eliminating invalid entry attempts and ensuring 100% accurate timestamp conversions.

**ShopEZ - E-Commerce Platform** — React.js, Node.js, Express.js, MongoDB — [⚙ — **Live**]      **Mar-Apr 2025**
- Developed a responsive React frontend with category filters, faceted search, detailed product pages and a persistent dynamic cart for a smooth cross-device shopping experience.
- Built RESTful Node/Express APIs and an administrative dashboard to manage 300+ products and paginated orders (1,000+ records); optimized MongoDB queries and indexing to reduce response times under load.
- Secured the platform with JWT-based authentication, protected routes, input validation, automated order emails, and encryption/validation for sensitive user data.

**RakshaChakra - Secure Mobile Banking**— Dart, Flutter, Python, Machine Learning, AWS — [⚙ — **Live**]      **Jun-Jul 2025**
- Collaborated and engineered a modular Flutter architecture with 100+ reusable components, reducing code redundancy by 30% and accelerating feature development across the application.
- Optimized a multi-threaded background pipeline to handle 15+ concurrent services, processing high-frequency sensor data at 60 FPS without blocking the main UI thread.
- Implemented high-efficiency edge computing using TFLite, enabling the app to perform complex risk inference locally in under 50ms, reducing server dependency by 100% for real-time checks

## ACHIEVEMENTS & CERTIFICATIONS

- **TCS CodeVita 2025 (Round 1):** Cleared — Rank 4,811 out of  100,000 participants
- **Canara Bank Suraksha Hackathon 2025:** Top 105 teams from 4,000+ participants in a nationwide fintech cybersecurity competition
- **Smart India Hackathon 2024:** Participated in a national hackathon developing innovative solutions
- **Codeforces :** Currently have a rating of 1233 with the title Pupil
- **IBM Gen AI Certification:** Completed training in generative AI technologies

## EDUCATION

**Vellore Institute of Technology**                                                                    **Oct 2022 - Jun 2026**
*Bachelor of Technology (B.Tech), Computer Science and Engineering*                                    *CGPA: 8.76/10.0*