ARIJIT DAS

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

TECHNICAL SKILLS

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

WORK EXPERIENCE

Software Taxonomy Analyst   **Jan 2025 - Apr 2025**

Prompt Engineer – C++ Code Classification — Outlier AI

- Analyzed and classified 100+ real-world code snippets across JavaScript, Python, and C++ using Core Foundations taxonomy (L0, L1, L2) to enhance large language model understanding of software architecture and functionality.
- Specialized in identifying and categorizing software engineering patterns, Debugging & Testing.

PROJECTS

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

- Developed a full-stack video interviewing platform using Next.js 14, TypeScript, and Convex database, implementing real-time video calls with Stream.io SDK and integrating Clerk authentication for secure user management across 3 user roles (candidate, interviewer, admin)
- Built an interactive code editor component supporting 4 programming languages (JavaScript, Python, Java,C++) with Monaco Editor integration, featuring 3 pre-built coding challenges and a resizable dual-panel interface that enables simultaneous video conferencing and collaborative coding during technical interviews
- Architected a comprehensive interview scheduling system with 17 time slot options and calendar integration, implementing server-side mutations for creating Stream.io video calls and managing interview lifecycle states (upcoming, completed, succeeded, failed) while maintaining real-time data synchronization across all users

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

- Developed an online shopping website using React.js, emphasizing user-centric design with a responsive UI for browsing products and viewing detailed product information, including images and specifications, across desktop, tablet, and mobile devices
- Built an administrative interface with Node.js and Express.js to manage over 300 products, orders, and user accounts, utilizing various development tools and techniques. Implemented pagination to efficiently handle datasets exceeding 1,000 records
- Incorporated security measures using MongoDB for secure data storage, including password protection and user verification to safeguard user data. Added automated email notifications for account management, using tokens that expire within 24 hours for enhanced security .

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

- Engineered a mobile banking application using Dart and Flutter, leveraging their capabilities to design a responsive and user-friendly interface with advanced verification methods like touch and motion patterns. This solution enhanced security, reducing unauthorized account access by 60% and improving transaction safety
- Implemented a cloud-based system on AWS EC2, utilizing its scalable infrastructure to analyze over 25 user behavior patterns and deploy robust authentication methods for preventing unauthorized access. The system incorporates real-time monitoring to ensure continuous protection and rapid response to potential threats
- Crafted an on-device processing component using Python and Machine Learning, enabling efficient local analysis to keep 95% of data on the device, thereby enhancing user privacy. This component also reduced server response times by 30% during peak usage periods, improving performance efficiency

ACHIEVEMENTS & CERTIFICATIONS

- **Canara Bank Suraksha Hackathon 2025:** Selected among the top 105 teams from over 4,000 participants in a prestigious nationwide fintech cybersecurity competition
- **Smart India Hackathon 2024:** Participated in the Smart India Hackathon 2024, a prestigious national event where I collaborated with a team to develop innovative technological solutions for real-world challenges
- **IBM Gen AI Certification:** Completed comprehensive training in generative AI technologies, covering machine learning fundamentals and practical applications of AI in modern software development

EDUCATION

Vellore Institute of Technology   **Aug 2022 - Oct 2026**

Bachelor of Technology (B.Tech), Computer Science and Engineering   *CGPA: 8.76/10.0*