ARPIT GUPTA

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Arpit Gupta LinkedIn | ArpitGupta4957 (github.com) | Portfolio

EDUCATION

- **VIT Bhopal University** *(August, 2022)*
  B. Tech CSE(Core) | CGPA: 8.7
- **Kendriya Vidyalaya No 2 AFS Kanpur** *(May, 2022)*
  Higher Secondary | Percentage: 92%

SKILLS

- **Languages:** Java, Kotlin, Python, SQL, HTML, CSS, Dart.
- **Tools:** Git, GitHub, Postman, FastAPI, MS Excel, Canva, Figma.
- **Frameworks/Technologies:** Flutter, Android Studio, REST API, DBMS, MySQL, MongoDB, Firebase, SupaBase.
- **Core Competencies:** Foundation of Algo, Data Structures Algorithms, Software Development, Operating Systems.

EXPERIENCE

DoShare.Me **Pune, India**
App Developer *(Dec, 2024 – Jan, 2025)*

- **Developed a cross-platform app using Flutter** with an interactive 3D Mapbox interface, boosting UI responsiveness by 60%, cutting load times by 2 seconds, and enabling 75% faster data access within a 5-meter range.
- Implemented Flutter's **flutter_screenutil and responsive_builder** libraries, **decreasing average app interaction time by 15%** and boosting user engagement across a diverse range of mobile devices.

IISPPR (HR Intern) *(Dec, 2024 – Jan, 2025)*

- **Conducted 100+ interviews** for global technical and non-technical roles, streamlining candidate selection processes.
- **Facilitated 11 interactive workshops** focused on enhancing team coordination and leadership capabilities.

PROJECTS

SOS Emergency Response System *(April, 2025)*

- Deployed a **YOLOv8-based (M/F)** emergency model within the app for fast and accurate incident verification, reducing **false positives by over 70%;** contributed to fire data annotation and severity tagging based on intensity and spread.
- Implemented **AES encryption** for secure image transmission and configured **SupaBase** for real-time data syncing, achieving **100% role-based access isolation** and improving system security and data integrity.
- Led the complete Flutter frontend development across Android and iOS, streamlining SOS reporting with a UI that improved user task completion time by **40%** and ensured **seamless cross-platform responsiveness**.
- Integrated **backend systems and APIs to support real-time geolocation** syncing and SupaBase data operations; optimized responder routing via Google Maps API and GeoHashing, cutting dispatch delays by **up to 60%**.

AES Image Encryptor *(Nov, 2024)*

- **Engineered an advanced image encryption platform utilizing the AES algorithm**, which bolstered data protection measures and achieved a notable reduction in data breaches by 50% within the initial quarter.
- **Created high-performance** encryption algorithms, optimizing data protection practices that increased processing speed by 30%; ensured compatibility with existing systems while collaborating directly with the front-end development team.
- **Enhanced the front-end interface** of an image encryption platform, establishing a user-friendly experience that streamlined over 1,000 secure image uploads weekly while ensuring data integrity and safety throughout the process.

ACTIVITIES AND ACHIEVEMENTS

ACHIEVEMENTS

- **Engaged in a disciplined 200 Days of Code challenge** centered on Java and Data Structures & Algorithms; **tackled 600+ coding problems**, leading to the creation of a personal portfolio showcasing enhanced coding proficiency.

ACTIVITIES

- **DSW Office Member - VIT Bhopal** University December 2022 – Ongoing, Managing Editor (Monthly Newsletter), April 2023- June 2023
- Led strategic planning sessions within the **Partnership Team at VIT Bhopal's AI Club**; established relationships resulting in three new sponsorships that provided valuable resources to enhance club operations.

ADDITIONAL

- **Hobbies**- Tech Trendy, Gaming, Cooking, Listening Music, Photography
- **Languages:** English (Professional working proficiency), Hindi (Native or bilingual proficiency)