ANCHAL TIWARI

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Education

Mumbai University   **2022 -2026**

B.E in Computer Science and Engineering(CyberSecurity)   *CGPA : 9.8 (Till 7th Semester)*

Experience

TATA VOLTAS Limited   ***Present***

IT & Network Security   *On-Site*

- ❖ Monitored and responded to security alerts using **Cortex XDR**, analyzing endpoint threats such as malware and suspicious activity, and assisting in executing appropriate remediation actions.
- ❖ Worked with **Firewall** and **SIEM solutions** to track, investigate, and block malicious IP addresses and emails, enhancing the organization's threat detection and response capability.
- ❖ Collaborated with the cybersecurity team to strengthen network defense strategies while gaining hands-on experience in cybersecurity tools, network protocols, and real-time threat analysis.

FyreGig — link   **Dec 2024 – Feb 2025**

UI/UX Designer Intern   *Remoter*

- ❖ Designed a comprehensive **end-to-end UI/UX experience** for the Fundsmama mobile app and website using **Figma**, focusing on user accessibility, seamless navigation, and an intuitive interface.
- ❖ Developed **wireframes, interactive prototypes, and high-fidelity responsive designs**.
- ❖ Collaborated closely with **developers, product managers, and stakeholders** to align design decisions with business objectives and technical feasibility.
- ❖ Ensured the successful implementation of **a fully functional, live platform**, optimizing the design for real-world use.

AD Infotech — link   **June 2022 – August 2022**

Developer Intern   *Remote*

- ❖ Assisted in development of the front end of a mobile application for iOS/Android using Dart and the Flutter framework.
- ❖ Worked with Google Firebase to manage user inputted data across multiple platforms including web and mobile apps.
- ❖ Collaborated with team members using version control systems such as Git to organize modifications and assign tasks.
- ❖ Utilized Android Studio as a development environment in order to visualize the application in both iOS and Android.

Projects

BlueCollar │ *Dart,Firebase, ReactJs, Figma —Github*   **January 2023**

- ❖ Design and Implemented the BlueCollar App developed a user-friendly interface for both job seekers and employers, promoting transparent communication.
- ❖ Streamlined the job search process with Real-Time Location-Based features and advanced matching algorithms.
- ❖ Leveraged Firestore Database for secure and organized storage, ensuring the integrity of critical data.
- ❖ Established an Admin panel for verification purposes, enhancing security and ensuring hirers can view verified profiles only.

Eyeshine │ *Dart, MongoDB ,Figma —Github*   **September 2024**

- ❖ The app uses the Gemini API for real-time object detection, providing audio feedback to help visually impaired users identify objects and obstacles.
- ❖ It features face recognition technology that allows users to recognize familiar individuals, improving social interactions
- ❖ A volunteer support system connects users with local volunteers who assist with daily tasks like grocery shopping, medical appointments, and errands.

AppShield Scan │ *Dart, MongoDB ,Figma —Github*   **April 2025**

- ❖ Built a mobile app to upload and scan Android APKs for security vulnerabilities with secure user authentication.
- ❖ Developed a real-time analysis engine for threat detection and risk reporting..
- ❖ Integrated MongoDB for user management and scan history with optimized schema design and indexing.
- ❖ Designed a clean Material UI with real-time progress and interactive vulnerability reports.

Technical Skills

Languages/Database: Dart, Java, Typescript, Mongodb, FireBase, SQL
Developer Tools: VS Code, Cursor , Figma , Android Studio , Canva , FlutterFlow, Mobsf, Zap , Wireshark
Technologies/Frameworks: Flutter, React, Ethical Hacking

Leadership / Extracurricular

- ❖ Co-Ordinator of Technical Committee Vidyalankar Polytechnic (2022).
- ❖ Finalist of M-Indicator Hackathon 2024. .
- ❖ Runner Up in Final Year Project Exhibition 2023 conducted by Vidyalankar Polytechnic .