ANCHAL TIWARI

📞 +91 7021248560 ✉ anchalvtiwari@gmail.com in LinkedIn ○ Github

Education

Mumbai University   **2022 -2026**
B.E in Computer Science and Engineering(CyberSecurity)   *CGPA : 9.8 (Till 7th Semester)*

Technical Skills

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

Experience

TATA VOLTAS Limited [IT& Network Security]   *July 2025-Dec 2025* [On-Site]

- ❖ Investigated and remediated endpoint threats, including malware and suspicious activity, using Cortex XDR.
- ❖ Leveraged SIEM and Firewall tools to detect and block malicious IPs and phishing attempts, enhancing incident response.
- ❖ Partnered with VAPT teams to validate vulnerability reports and recommend strategies for risk reduction.
- ❖ Coordinated with cross-functional teams to build a centralized security dashboard and manage critical network upgrades.

FyreGig — link [UI/UX Designer Intern]   **Dec 2024 – Feb 2025** [Remote]

- ❖ Designed the end-to-end UI/UX for the Fundsmama app and website using Figma, focusing on accessibility and navigation.
- ❖ Created wireframes, interactive prototypes, and high-fidelity responsive designs to visualize the user journey.
- ❖ Collaborated with developers and stakeholders to align design strategies with business goals and technical constraints.
- ❖ Delivered a fully functional live platform by optimizing designs for real-world implementation and usability.

AD Infotech — link [Developer Intern]   **June 2022 – August 2022** [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*   **[Github]**
- ❖ 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]**
- ❖ 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.

CyberAppSec │ *React JS, Docker ,AWS*   **[Github]**
- ❖ I developed a containerized cybersecurity awareness platform using Flask and Docker to visualize threat levels, utilizing Docker Compose for streamlined orchestration.
- ❖ Leveraging Terraform for Infrastructure as Code, I provisioned secure AWS resources and implemented AI-driven remediation to automatically fix security group vulnerabilities.
- ❖ I established a DevSecOps pipeline with Jenkins and Trivy to automate infrastructure security scanning, ensuring continuous compliance and risk mitigation.

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 .