

SANJANA SANDANSHIV

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PROFILE

- Final-year B.Tech IT student skilled in Python, Java, Web Development, Android App Design, and Cybersecurity Automation.
- Built responsive web apps, secure Firebase backends, and Android apps in Android Studio.
- Developed projects in SOC automation, e-commerce, and real-time solutions.
- Eager to contribute technical expertise and problem-solving skills to innovative projects.

SKILLS

Technical Skills

- **Languages:** Java, C, R (Basic), Flutter
- **Web:** HTML, CSS, JavaScript, Responsive Design, UI/UX
- **Cybersecurity:** Ubuntu, Kali Linux, SIEM, SOAR, Security Automation
- **Tools:** Android Studio, VS Code, Git, GitHub
- **Backend:** Firebase (Auth, Real-Time DB, Cloud Storage)
- **Other:** Cross-Browser Compatibility, Project Deployment, Threat Detection

PROJECTS

Aurum - Android Jewellery E-Commerce App [<https://github.com/sanjanasandanshiv/Aurum>]

- Developed a full-featured **Android** e-commerce application from concept to deployment using **Java**, demonstrating a strong understanding of the **full mobile development life cycle**.
- Integrated a live **RESTful API** to fetch and display product data, utilizing **Retrofit** for network calls and **Gson** for parsing **JSON** objects into **Java models**.
- Designed and implemented a modern, **responsive user interface** with **XML**, employing **ConstraintLayout**, **RecyclerView**, and a **Fragment-based architecture** with a **BottomNavigationView** for intuitive navigation.
- Implemented secure **user authentication** (sign-up, login, and session persistence) using the **Firebase Authentication API**, and enhanced performance by integrating the **Glide library** for efficient **image loading and caching**.

Resume Parser - Full-Stack Web Application [<https://github.com/sanjanasandanshiv/resume-parsing->]

- Developed a full-stack web application using **Python** and the **Flask** framework to automatically parse and extract key information (name, email, phone number) from uploaded resume PDF files.
- Built a dynamic frontend with **HTML, CSS, and vanilla JavaScript**, utilizing the `fetch` API to asynchronously send resume data to the backend and display the extracted results without a page reload.

`fetch`

- Implemented the core data extraction logic on the backend by leveraging Python libraries for PDF text processing and regular expressions (`regex`) for pattern matching and data parsing.

`regex`

- Demonstrated an understanding of the full client-server architecture, from handling HTTP requests and file uploads on the server to dynamically updating the DOM on the client.

SOC Automation Home Lab Project - Cybersecurity Automation & Incident Response

- Designed and implemented a budget-friendly SOC home lab to simulate real-world threat detection and incident response workflows.

- Integrated automation tools to accelerate alert triage, enhance threat visibility, and streamline SOC processes.
- Gained hands-on experience with SIEM, SOAR, and security orchestration for improved operational efficiency.

INTERNSHIPS

Web Developer Intern, TechnoHacks Solutions

Jun 2024 — Jul 2024

Designed and developed interactive web applications using HTML, CSS, and JavaScript, including:

- **Landing Page** – <https://github.com/sanjanasandanshiv/Landing-page>
- **Currency Converter** – <https://github.com/sanjanasandanshiv/currency-converter>
- **Countdown Timer** – <https://github.com/sanjanasandanshiv/countdown-timer>

Implemented responsive designs, optimized cross-browser compatibility, and integrated form validation to enhance user experience. Focused on clean, maintainable code and intuitive UI for improved usability.

EDUCATION

Pillai College of Engineering, Navi Mumbai

Bachelor of Technology (B.Tech) in Information Technology | 2022 – 2026 Aggregate CGPA: 7.25

SS High School & Jr College, Navi Mumbai

Higher Secondary Certificate (HSC) | 2022

Percentage: 70%

St. Joseph High School, Navi Mumbai

Secondary School Certificate (SSC) | 2020

Percentage: 71%

EXTRA-CURRICULAR ACTIVITIES

Hackathon – Smart India Hackathon 2024 (Internal), Pillai College of Engineering, Navi Mumbai

- Designed and prototyped a **phone call captioning app** in **Android Studio (Java)** for real-time transcription in multiple Indian regional languages.
- Leveraged **speech-to-text technology** to enhance accessibility and bridge communication gaps for diverse users.

Hackathon – Hackcelestial 2024, Pillai College of Engineering, Navi Mumbai

- Developed a Python-based application with integrated resume and cover letter generation modules.
- Automated document creation using dynamic templates and logic to improve efficiency and consistency.
- Focused on user-friendly design and streamlined workflows for quick, professional document output.