SANJANA SANDANSHIV

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# PROFILE

* Final-year [B.Tech](http://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

### jewellery E-Commerce App (Aurum)

* Built a jewellery e-commerce mobile app using java in Android Studio with Firebase backend for secure authentication and real-time inventory management.
* Designed a visually appealing XML-based UI to showcase products and enhance user engagement.
* Ensured smooth navigation, responsive layouts, and seamless order processing for an optimal shopping experience.

### Active Directory (Home Lab) - Splunk, Kali Linux, Atomic Red Team

* Built a simulated domain environment to understand Active Directory structure and operations.
* Configured Splunk SIEM to ingest security event logs and monitor real-time activity.
* Executed attack simulations using Kali Linux and Atomic Red Team to generate telemetry for detection and response

analysis.

### 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

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>

June 2024 — July 2024

* 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](http://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 gava) 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.