

AASTIK NARANG

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EDUCATION

VIT

BTech Computer Science *CGPA: 8.53*

Vellore
2022 - Present

PROJECT EXPERIENCE

Badal | [Python](#), [Node](#)

Feb 2025

- Built a Cloud security and vulnerability detection Tool.
- Analyzing vulnerabilities using cloud APIs and referencing them with [NVD](#).
- Implemented functionalities to provide the user with personalized solutions.

CaseForge | [Python](#), [Java](#)

Dec 2024 - Present

- Building a platform for automated case study generation.
- Developed a responsive UI with dark mode support, ensuring a seamless user experience.
- Integrated robust API functionalities for real-time, personalized case study generation with markdown parsing and dynamic content rendering.

CLI-RPG | [Rust](#)

June-July 2024

- Created a terminal text-based game with the code being 100% rust.
- Utilized UI libraries like TUI for implementing an intuitive and graphic UI in the terminal itself.
- Multithreaded tasks like background music and audio visualizer.

Charcha API | [Go](#), [Python](#), [React](#), [PostgreSQL](#)

March 2024

- Designed a RESTful API for sentiment analysis of top 100 Reddit product reviews.
- Integrated Python scripts for NLP with a React frontend for data visualization.
- Used PGSQL for efficient data storage and retrieval, ensuring prompt access to sentiment analysis results

WORK EXPERIENCE:

PeritysTech

App Developer

Remote

Jan 2025 - July 2025

- Developed a comprehensive Flutter mobile application for the Tamil Nadu Government's tribal welfare department, creating the entire end-to-end solution independently.
- Implemented multi-language support to ensure accessibility for diverse communities across Tamil Nadu.
- Integrated custom APIs and implemented proper API call logging for debugging and monitoring.
- Established efficient state management patterns using Flutter/Dart framework, ensuring smooth user experience and optimal performance.

LiveStockify

App Developer Int

Remote

May 2024 - July 2024

- Setup the backend functionalities with Firebase using Firestore Realtime database and Firebase Authentication, improving speed and security by 70% .
- Improved the Flutter app's appearance and User Experience by adding features like login persistence.
- Added minor UX improvements like custom alert modals and fixing UI bugs like renderflex errors.

Onboarding.club

Intern

Remote

Nov 2023 - Jan 2024

- Analyzed blockchain concepts, focusing on decentralization, Layer 1/2 solutions, and dApps.
- Wrote engaging technical content, simplifying complex Web3 concepts for widespread social media dissemination, boosting engagement by 70%.

TECHNICAL SKILLS

Frameworks:

Flutter, React, React Native, Node.js, Express.js

Programming Languages:

HTML, CSS, TypeScript, JavaScript, Java, Go, Dart, Python, C/C++, Rust

Tools:

MongoDB, Firebase, Git, Github, Insomnia, PgAdmin4, Linux

EXTRA-CURRICULAR ACTIVITIES

ACM-VIT(Association for Computing Machinery)

ACM-W Vice-Chairperson

May 2023 - Present

- Managed and developed highly technical projects with thousands of concurrent users for project cycles and events.
- Won the emerging chapter award at ACM India Summit 2025.