# Aastik Narang

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## TECHNICAL SKILLS

**Programming Languages**: JavaScript, TypeScript, Python, Java, Go, Dart, C/C++, Rust, HTML, CSS
**Frameworks & Libraries**: Flutter, React, React Native, Node.js, Express.js
**Databases & Tools**: MongoDB, Firebase, PostgreSQL, Git, GitHub, Linux, REST APIs, NLP
**Technologies**: Mobile App Development, Full-Stack Development, API Development, Cloud Security

## EDUCATION

**Vellore Institute of Technology**                                                    Vellore, India
*Bachelor of Technology in Computer Science and Engineering; CGPA: 8.53*        *Aug. 2022 – May 2026*

## EXPERIENCE

**PeritysTech**                                                            Jan. 2025 – July 2025
*Mobile Application Developer*                                                        *Remote*
- Engineered Flutter application with 8+ interactive pages for Tamil Nadu tribal welfare department.
- Orchestrated multi-language localization and integrated custom REST API with 20+ endpoints and comprehensive logging.
- Architected scalable state management solution, enhancing application performance and user experience.

**Onboarding.club**                                                        Nov. 2023 – Jan. 2024
*Intern*                                                                              *Remote*
- Analyzed blockchain technologies including decentralization protocols, Layer 1/2 solutions, and decentralized applications.
- Authored technical documentation for Web3 concepts, amplifying social media engagement by 70%.

## PROJECTS

**Badal - Cloud Security Vulnerability Scanner** | *Python, React.js, REST APIs*            Feb. 2025
- Constructed cloud security vulnerability detection platform with automated scanning and National Vulnerability Database integration, tested on 90+ deployments and capable of detecting more than 304,000 CVEs.
- Implemented functionalities like generating dependency graphs, security suggestions with both CLI and website.

**CaseForge - Automated Case Study Generator** | *Python, Flask, React, API Development*  Dec. 2024 – Present
- Designed automated case study generation platform with responsive interface and real-time content creation.
- Implemented vector databases for RAG functionalities.

**CLI-RPG - Terminal-Based Game** | *Rust, RataTUI, Multithreading*                June 2024 – July 2024
- Crafted terminal RPG using Rust with graphical TUI interface and multithreaded background audio.
- Implemented intuitive graphics using ascii art and symbols with 5+ Minigames.

**Charcha - Sentiment Analysis API** | *Go, Python, React, PostgreSQL, NLP*                 March 2024
- Designed RESTful API processing 100+ Reddit comments for sentiment analysis with automated scraping, NLP integration, and data visualization.
- Used Gofiber for the API with a PostgreSQL database for efficient data storage and retrieval.

## EXTRACURRICULAR ACTIVITIES

**Association for Computing Machinery (ACM-VIT)**                            May 2023 – Present
*ACM-W Vice-Chairperson*                                                          *Vellore, India*
- Spearheaded development of high-traffic technical platforms supporting 1000+ concurrent users for organizational events.
- Facilitated winning of Emerging Chapter Award at ACM India Summit 2025, demonstrating exceptional chapter leadership.