

HARSHIT VOOTUKURI

hvootukuri@gmail.com | [Linkedin](#) | [Github](#) | +91 888-556-1030

EDUCATION

Vellore Institute of Technology <i>B.Tech Computer Science, specialization in Data Science; CGPA: 8.73</i>	Vellore, Tamil Nadu 2022 – 2026
FIITJEE Junior College <i>Intermediate Public Examination 96.4%</i>	Hyderabad, Telangana 2020 – 2022



EXPERIENCE

Garner Business <i>Software Development Engineer Intern</i> <ul style="list-style-type: none">Built automated email systems using Next.js API routes and TypeScript with Amazon SES integrationDeveloped a content creation and review pipeline supporting version control and approval stages.Handle email replies via AWS Lambda and SES inbound routing with multi-sender authentication	May 2025 – July 2025 Remote
ACM-VIT Student Chapter <i>Developer, Senior Core Member</i> <ul style="list-style-type: none">Developed student portal access tools to improve institutional system usabilityOrganized technical reading groups on OWASP, database internals, and Git workflowsManaged technical events with over 700 participants including workshops and programming competitions	April 2024 – May 2025 Vellore, Tamil Nadu
IFB Industries Ltd. <i>Data Analytics Intern</i> <ul style="list-style-type: none">Cleaned and analyzed large datasets using Python (Pandas, NumPy), SQL, and ExcelBuilt time series forecasting models for seasonal pattern analysis and marketing optimizationDeveloped automated coordinate verification pipeline using Python and Google Maps API	June 2024 – July 2024 Verna, Goa

TECHNICAL SKILLS

Languages: Python, Java, C/C++, Rust, Go, R, Typescript, SQL
Development Tools: Linux, Bash, Git, Github, Vercel
Databases & Backend: Postgres, MySQL, REST
Frameworks and Libraries: React, Next.js, Tensorflow, Scikit-Learn, Pandas, Numpy
Cloud Platforms: Microsoft Azure, Google Cloud Platform (GCP), Amazon Web Services (AWS)

PROJECTS

Optical Character Recognition Model  <i>Tools: Keras in R Dataset: MNIST</i> <ul style="list-style-type: none">Built a hybrid CNN + LSTM model for recognizing handwritten digits.Reshaped image data for sequence learning with minimal loss.Tuned hyperparameters to achieve 98%+ accuracy.	March 2025
Woxhunt <i>Tools: Next.js, TypeScript, PostgreSQL, Drizzle ORM, OAuth, Hashing Algorithms</i> <ul style="list-style-type: none">Built an interactive treasure hunt website with dynamic question flow and real-time progress tracking.Implemented secure user authentication using OAuth and designed hash-based validation for answer submissions.Utilized PostgreSQL with Drizzle ORM for scalable and maintainable data management.Hosted for over 80 participants; ensured stability and responsiveness throughout the event.	February 2025
CLI-RPG (CLI game built in Rust)  <i>Tools: Rust, Ratatui (TUI Library), Crossterm (Terminal Control), Clap (Argument Parsing)</i> <ul style="list-style-type: none">Built interactive RPG in Rust with multi-threading and optimized data structures for seamless gameplay performance.Spearheaded integration of multiple games including Minesweeper and typing test with background music implementation.Achieved 100+ downloads with active player base across campus, demonstrating broad student appeal	June 2024

CERTIFICATIONS

Azure AI Engineer Associate 	July 2025
Google Cybersecurity Professional Certificate 	December 2024