

Vijay Guntuku

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[Linkedin Profile](#)

EDUCATION

Old Dominion University ,Norfolk , USA

Master's

Major : Computer Science & Engineering

GPA: 3.54 / 4

Aug 2024-present

CMR Technical Campus, JNTU, Hyderabad

Bachelor of Technology

Major: Computer Science & Engineering

GPA: 7.21 / 10.00

Jul 2018 - May, 2022

RELATED EXPERIENCE

Graduate Research Assistant

School of Cybersecurity, Old Dominion University

May 2025 – Present

- Develop and maintain secure competition platform of AIC²: AI Cybersecurity Competition Portal, a full-stack platform built with Next.js, React, Apollo Client and NestJS microservices to host real-time AI security challenges
- Troubleshoot and resolve containerization and dependency issues in Docker environment
- Assist in front-end development with React.js and Material-UI to prototype research interfaces
- Document research workflows, manage data integrity, and ensure compliance with university policies

Accenture Private Limited

Associate Software Engineer

Dec 2022 –July 2024

- Completed comprehensive training in MEAN stack development, specializing in MongoDB, Express.js, Angular, and Node.js. Actively involved in the development of the Inspire BPO - an intelligent solution platform for Innovative Responses. The program is designed to provide an online solutioning tool for Accenture Operations Estimator.
- Demonstrated proficiency in MEAN stack technologies by designing and administering the database infrastructure for the Inspire BPO project, optimizing data storage and retrieval for efficient application performance.
- Acquired hands-on experience in building Restful APIs, database management, and server-side scripting.
- Contributed to an Angular project for an Inspire client, focusing on implementing user stories and bug identification and resolution.
- Collaborated seamlessly with team members, actively participating in the overall development process.

Pramati Software Private Limited

Java Full Stack Developer Intern

Jul 2022 – Sep 2022

- Developed two projects:
 1. Portal for farmers to sell their produce at a better rate.
 2. Poultry management system.
- Utilized Java technologies, including Spring Boot, for back-end development
- Collaborated with team members to design and implement software solutions.
- Conducted unit testing and resolved bugs to ensure project quality.

EZ Trainings and Technology

Python Developer and Tutor Intern

Nov 2021 - Apr 2022

- Developed Python-based projects and provided tutoring to students in Python programming.
- Assisted in debugging and optimizing Python scripts for various projects.

PUBLICATIONS

Mukt Shabd Journal Dec 2019 – 29 Jan 2022

ENTERPRISE RESOURCE PLANNING FOR EDUCATIONAL INSTITUTION

SKILLS

Programming Languages : Java ,Python , JavaScript,C

Frameworks : Spring Boot, Django, Node.js, Express.js, Angular, React ,Next JS

Front-end : HTML, CSS, JavaScript, Bootstrap, Material-UI

Databases : Mongo DB , MySQL , Biq Query

Tools :Git, Docker, Eclipse, VS Code, GCP, Azure DevOps

CERTIFICATIONS

Java Programming: Complete Beginner to Advanced, Udemy

Programming for Everybody (Getting Started with Python), Coursera

Complete Python Course: Go From Beginner To Expert, Udemy

HTML and CSS, Udemy

PROJECTS

AI Cybersecurity Competition Portal (AIC²)

May 2025 – Present

Next.js, React, Apollo Client, NestJS, Docker, Kubernetes

Built a full-stack portal for AI security challenges, including containerized JupyterLab environments, JWT-based auth, and CI/CD pipelines.

Inspire BPO Platform

Dec 2022 – Jul 2024

MEAN Stack (MongoDB, Express.js, Angular, Node.js)

Developed and maintained a staffing dashboard that tracks employee roll-on/roll-off dates, designed MongoDB schemas, and built RESTful APIs to support project onboarding.

Enterprise Resource Planning

Jun 2021 – Oct 2021

Java, Spring Boot, MySQL

Created an end-to-end ERP solution for educational institutions with role-based dashboards, reporting modules.

Poultry Management System

Jul 2022 – Sep 2022

Java, Spring Boot, MySQL

Internship project to implement a sales and inventory tracking application; built RESTful services with Spring Boot and a Thymeleaf-based UI.