Karthik Srinivas Bhallamudi

Backend Web Developer

A solution oriented developer with professional experience in Web Development and Problem Solving. Passionate about building web apps and aims at contributing to technological improvement & innovation.

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EDUCATION

B.Tech in CSE with specialization in Information Security
Vellore Institute of Technology, Vellore

09/2022 - Present   *CGPA: 9.45*

High School
Vikas The Concept School, Hyderabad

06/2016 - 06/2020

Grades
- Class X CBSE - 93%
- Class XII CBSE - 94%

WORK EXPERIENCE

Python Django Intern
Across The Globe (ATG)

06/2022 - Present

Achievements/Tasks
- Created functional web applications and communicated with clients to identify their needs and requirement.

Mentee
Deakin University, Geelong, Australia

11/2022   *Geelong, Australia*

Achievements/Tasks
- Was one of the students who was selected from India to represent our university at Deakin University, Geelong, Australia for the Blue Marble Study Program.
- Worked on a project which was based on improving the commute and transport linkages in and around Geelong, Australia.

Hackerearth Campus Ambassador
HackerEarth

11/2022 - Present

Achievements/Tasks
- Creating awareness about HackerEarth and various competitions, and hackathons among peers in the college.

CSE Technical Head (IETE-ISF Student Chapter)
IETE-ISF, VIT Vellore

12/2020 - Present

Achievements/Tasks
- Responsible for building CSE projects for the chapter and guiding and mentoring juniors in CSE domain.

SKILLS

Django Rest Framework   Web Development
Python   Java   C   C++   HTML   CSS
Javascript   Git & Github   Computer Networking

PROJECTS

Recruitment Portal Backend (Quiz Application)
- **Tech Stack Used:** Django Rest Framework, SQLite Database.
- It includes a quiz application built on the Django Rest Framework that enables users to test their knowledge in the area of their interest.
- The system automatically verifies the responses and assigns the final quiz score.
- It has security features like tab switch, JWT Authentication on every API request, auto submission on test timeout etc.
- The portal was used by more than 300 students to give the test for recruitment in the chapter.
- IETE VIT Recruitment (iete-vit-recruitment-portal.netlify.app)

Full Stack E-Commerce Website
- **Tech Stack Used:** Django, HTML, CSS, Javascript, SQLite.
- This project includes a web application that facilitates online shopping for users.
- Users of the application can log in to their accounts, place orders, view their orders, check if products are in stock, and add reviews for any product that is available.

Three Level Authentication System
- **Tech Stack Used:** HTML, CSS, JavaScript, Django, and PostgreSQL database.
- Built a three-level authentication system that could be integrated with any website for authentication purposes.
- Three levels include password verification, image pattern recognition, and OTP verification.
- Performed Penetration Testing to check the vulnerabilities in the application and rectified them.

ACHIEVEMENTS

Programme Representative (07/2022 - Present)
Selected as the Programme Representative for two consecutive academic years at VIT Vellore.

Merit Scholarship (2021 - 2022)
Was awarded "Merit Scholarship" by VIT Vellore for outstanding performance in academics.

Certifications in Music Performance Piano
Received Certifications in Graded Examination in Music Performance Piano from Trinity College London.