

B SHIVA KUMAR

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Education

St.Peter's Engineering College

Bachelor of Technology in Information Technology

August. 2020 – March 2024

Hyderabad, Telangana

Coursework/Skills

- Oops Concepts
- DBMS
- Computer Network
- Operating System

Internship

CodSoft

Web Development Intern

- Gained hands-on experience in designing and implementing web applications.
- Designed and implemented responsive web applications utilizing HTML, CSS, and JavaScript to meet user and business requirements.
- Improved user interfaces by enhancing navigation and ensuring a seamless user experience.
- Collaborated with cross-functional teams to identify and resolve bugs, optimizing website performance and functionality.

Codsoft

Python Programming Intern

- Gained hands-on proficiency in Python programming by completing practical projects and addressing real-world challenges.
- Designed, developed, and tested Python scripts to perform data manipulation, automate repetitive tasks, and solve complex problems efficiently.

Projects

Password Generator | *HTML, JavaScript, CSS*

- Created a secure password generation application from the ground up with HTML, CSS, and JavaScript; empowered users to generate complex passwords in under 10 seconds while maintaining ease of use throughout.
- Developed efficient algorithms for generating secure, customizable passwords based on user-defined criteria.
- Enhanced the application with features like password length adjustment and character type selection to improve usability.
- Applied front-end development skills to create a responsive and visually appealing design for optimal user experience.

Detecting Web Attacks with End-to-End Deep Learning | *machine Learning*

- Developed a deep learning-based solution to detect and mitigate web attacks, ensuring the security and integrity of online systems.
- Implemented end-to-end machine learning pipelines for analyzing network traffic and identifying malicious activities.
- Focused on protecting sensitive user data by designing robust security measures and improving real-time threat analysis capabilities.

Technical Skills

Languages: Java, Python, HTML/CSS, JavaScript, SQL

Developer Tools: VS Code, Eclipse

Technologies/Frameworks: Linux, GitHub

Certification

- Privacy and Security in Online Social Media Certified by NPTEL. Acquired expertise in implementing privacy measures and ensuring security in online social media platforms.
- Certified in Cyber security (Introduction to Cybersecurity Cybersecurity Essentials) by Cisco Networking Academy.
- Certified in Aptitude, Startup management, ERP Tools on COURSERA.