




SHIVANG KHER

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github.com/Shivang-Kher

Education

Vellore Institute of Technology, Vellore <i>B.Tech in Computer Science and Engineering with bioinformatics</i>	Sep 2020 – Jul 2024 8.30, CGPA
Chettinad Vidyashram, Chennai <i>Higher Secondary School Certificate (Class 12) - P/C/M/Csc</i>	Apr 2019 – Jul 2020 84 , Percentage
Chettinad Vidyashram, Chennai <i>Secondary School Certificate (Class 10)</i>	Apr 2017 – Jun 2018 75 , Percentage


Projects

CLI based Antivirus Scanner for Fork Bomb and System Scanner 	Jul 2022 – Dec 2022
<ul style="list-style-type: none">Developed a CLI-based Antivirus Scanner focused on preventing Fork Bomb attacks and conducting system-wide security scans.Successfully detected and mitigated 95 potential security threats and vulnerabilities, leading to the discovery of vulnerabilities in scanned systems.Tech stack: Kali Linux, Python, and C++.	
E-Juice EV Charging System 	Jan 2023 – Apr 2023
<ul style="list-style-type: none">Independently designed the E-Juice EV Charging System prototype, optimizing EV charging and integrating RazorPay for secure payments.Designed a user-friendly interface and conducted successful initial testing, promising improvements to charging infrastructure and user experiences.Tech stack: MongoDB, Express.js, React.js, Node.js	
One Fitness - Fitness App 	Feb 2023 – May 2023
<ul style="list-style-type: none">Contributed to the development of the One Fitness app, offering a diverse selection of 1,000+ exercises with practical examples and seamless exercise animations.Integrated RapidAPI's exercise animation video APIs to provide engaging fitness content and attract a substantial user base.Tech stack: React.js, JavaScript	

Skills

Programming Languages: C++, JavaScript, Java, Python.
Web Technologies: MongoDB, Express.js, React.js, Node.js, Bootstrap, HTML, CSS, EJS, REST API
Tools & Other Technologies: Linux, Wireshark, Metasploit-framework, Maltego, Nmap, bettercap, beef
Languages: English, Hindi, Tamil
Soft Skills: Problem Solving, Communication, Prioritization, Team-Player, Adaptability, Time management

Leadership / Extracurricular

Design Head, VIT LINUX USER'S GROUP (VITLUG) 	Jan 2022 – Jan 2023
<ul style="list-style-type: none">Led the creation of visually captivating and informative posters for various social media platforms.Mentored and guided a team of junior designers, providing constructive feedback and fostering a collaborative environment.Cultivated leadership, communication, and teamwork skills through a role that combined a passion for design and technology.	

Certifications

JPMorgan Cybersecurity Virtual Experience Program on Forge	August 2023
<ul style="list-style-type: none">Analyzed financial fraud data, learned application security, and built an email classifier for spam and ham detection.	
Microsoft Certified: Security, Compliance, and Identity Fundamentals	July 2023
<ul style="list-style-type: none">Demonstrated expertise in cybersecurity, compliance frameworks, and identity managementEquipped to assess risks, implement security controls, and manage access for a secure IT environment.	
Introduction to Data Analytics for Business	October 2020
<ul style="list-style-type: none">Gained expertise in data analytics, covering data visualization, statistical analysis, and data-driven decision-making for business insights..	