

VINAYAK SHETTI

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Chikodi, Karnataka - 591201, INDIA

OBJECTIVE

Seeking a challenging position in Web Development to leverage my expertise in MERN Stack Development. Aiming to contribute to innovative projects at the intersection of Web Developer and practical problem-solving in fields such as Web Development and Full Stack Developer.

EXPERIENCE

- **CODTECH IT Solutions** 

Dec 2024 - Jan 2025
Hyderabad, INDIA
CyberSecurity Intern
 - Developed Password Strength Checker achieving 99% detection rate in identifying weak and vulnerable passwords.
 - Implemented Nessus vulnerability scanning, enhancing system security by identifying 95% of critical vulnerabilities.
 - Conducted analysis on malware behavior data, identifying key indicators of compromise for early detection.
 - Presented findings at the company's intern showcase, receiving commendation for innovative approaches to incident response.

EDUCATION

- **KLE COLLEGE OF ENGINEERING AND TECHNOLOGY**


Aug 2022 - Jul 2026
Chikodi, INDIA
Computer Science Engineering
 - GPA: 7.5/10.00
- **KLE independent College**


April 2022
Chikodi, INDIA
Pre-University Education
 - Grade: 75.0%
- **CLE Society's**


June/July 2020
Chikodi, INDIA
Secondary Education
 - Grade: 80/100

PROJECTS

- **Project A: Job Portal using MERN Stack Development**

Oct 2024 - Nov 2024

Tools: ReactJs, MongoDB, ExpressJs, NodeJs, Html, CSS, JavaScript
 - Developed a user authentication system for secure login and registration, incorporating password hashing and role-based access controls.
 - Implemented RESTful APIs for efficient data retrieval and management, achieving 30% faster query performance compared to initial implementation.
 - Created a dynamic job posting and search component, ensuring user-friendly navigation and real-time filtering options.
 - Applied data validation techniques to analyze user input integrity, reducing form submission errors by 40%.
- **Project B: Password Strength Checker**


Nov 2024

Tools: HTML, CSS and JavaScript
 - Developed a password strength evaluation system, achieving 95% accuracy in detecting weak or compromised passwords.
 - Implemented real-time password strength validation, processing over 1,000 password checks per second.
 - Created a dynamic visual indicator, using a color-coded bar to display password strength for enhanced user experience.
 - Developed a modular validation component for easy integration with existing login and registration systems.
- **Project C: Food Delivery using MERN Stack Development**

June 2024 - Aug 2024

Tools: ReactJs, MongoDB, ExpressJs, NodeJs, Html, CSS, JavaScript
 - Developed an order management system, achieving a 25% reduction in order processing time through optimized API calls.
 - Implemented real-time order tracking using WebSocket technology, processing over 10,000 updates per day.
 - Created an interactive dashboard to visualize order status and delivery analytics, improving operational decision-making. options.
 - Developed a reusable payment gateway component for easy integration with third-party payment systems like Stripe and PayPal.

SKILLS

- **Programming Languages:** C, C++, Java, Python,HTML, CSS, JavaScript, SQL, Reactjs, Linux
- **Web Technologies:** HTML5, CSS, JavaScript, Reactjs, Express, Nodejs
- **Database Systems:** Mongoddb, SQL, PostgreSQL
- **Data Science & Machine Learning:** Python, Pandas, NumPy, Matplotlib
- **Specialized Area:** Cybersecurity, Web Development, Full-Stack Development, Data Analysis
- **Mathematical & Statistical Tools:** MATLAB, NumPy, SciPy, Excel
- **Other Tools & Technologies:** Git, Docker, Postman, Visual Studio Code, JIRA
- **Research Skills:** Data Collection, Literature Review, Statistical Analysis, Hypothesis Testing, Experimental Design, Report Writing

LEADERSHIP EXPERIENCE

- **Leadership Role** Month Year - Month Year
HP LIFE - Efficient Leadership 
 - Led a team of peers to develop collaborative strategies for enhanced team productivity and project management.
 - Achieved a 15% improvement in project completion times by implementing streamlined task delegation processes.
 - Initiated and coordinated a workshop on effective leadership techniques that increased team engagement by 20%.

VOLUNTEER EXPERIENCE

- **Volunteer Role** June 2023 - Present
Entrepreneurship development cell (EDC)
 - Organized and facilitated workshops aimed at fostering entrepreneurial skills among students and community members.
 - Contributed to the planning and execution of events that attracted over 200 participants, enhancing awareness of entrepreneurship opportunities.
 - Developed skills in project coordination, event management, and mentorship, while applying leadership and communication expertise.

CERTIFICATIONS

- **HP LIFE : Introduction to Cybersecurity AwarenessL** Aug 2024
- **Google : Tools of the Trade: Linux and SQL** Aug 2024
- **Google : Connect and Protect:Networks and Network Security** Oct 2024
- **IBM : Combining Machine Learning and rules for Cybersecurity** Nov 2024
- **TATA : Cybersecurity Analyst Job Simulation** Dec 2024

ADDITIONAL INFORMATION

Languages: English (Professional working proficiency), German (Limited working proficiency), Hindi (Professional working proficiency), Kannada (Professional working proficiency), Marathi (Professional working proficiency), Tamil (Bilingual/Native proficiency)

Interests: Cybersecurity, Web Development,Photography, Volunteering