# VINAYAK SHETTI

+91 636 626 1008 | vinayak4260official@gmail.com | In My Linkedin |

My Portfolio ♠ My GitHub | ♠ My profile | ❤ My Twitter

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

CyberSecurity Intern

Hyderabad, INDIA

- Improved Password Strength Checker achieving 99% detection rate in identifying weak and vulnerable passwords.
- $\circ \ Executed \ Nessus \ vulnerability \ scanning, enhancing \ system \ security \ by \ identifying \ 95\% \ of \ critical \ vulnerabilities.$
- 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.

## • CODEC TECHNOLOGIES INDIA [

Dec 2024 - Feb 2025 Bangalore, INDIA

Web Developer Intern

- Developed and maintained responsive web applications using HTML, CSS, and JavaScript.
- · Assisted in debugging, troubleshooting, and optimizing website performance.
- Collaborated with designers and backend developers to implement new features.
- Gained hands-on experience with version control systems like Git and GitHub.

## **EDUCATION**

### KLE COLLEGE OF ENGINEERING AND TECHNOLOGY

Aug 2022 - Jul 2026

Computer Science Engineering

Chikodi, INDIA

\* GPA: 8.05/10.00

### **KLE** independent College

April 2022

Pre-University Education

Chikodi, INDIA

\* Grade: 75.0%

**CLE Society's** 

June/July 2020

Secondary Education

Chikodi, INDIA

\* Grade: 80/100

#### **PROJECTS**

## Project A: Job Portal using MERN Stack Development

Oct 2024 - Nov 2024

Tools: ReactJs, MongoDb, ExpressJs, NodeJs, Html, CSS, JavaScript

[🞧]

- \* Expanded a user authentication system for secure login and registration, incorporating password hashing and role-based access controls.
- \* Applied RESTful APIs for efficient data retrieval and management, achieving 30% faster query performance compared to initial implementation.
- \* Initiated 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

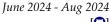
Tools: HTML,CSS and JavaScript

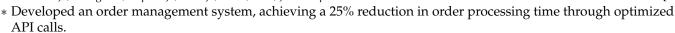
[🗘]

- Enhanced a password strength evaluation system, achieving 95% accuracy in detecting weak or compromised passwords.
- \* Enforced real-time password strength validation, processing over 1,000 password checks per second.
- \* Established 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

Tools: ReactJs, MongoDb, ExpressJs, NodeJs, Html, CSS, JavaScript





- \* 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.
- \* Optimized a reusable payment gateway component for easy integration with third-party payment systems like Stripe and PayPal.

### Project D: Real-time Chatting WebApp using MERN stack Development

June 2024 - Aug 2024

Tools: ReactJs, MongoDb, ExpressJs, NodeJs, Html, CSS, JavaScript



- \* Developed a full-stack real-time chat application using MongoDB, Express.js, React, and Node.js (MERN).
- \* Implemented WebSockets with Socket.io for real-time messaging and user presence updates.
- \* Integrated authentication and authorization using JWT and bcrypt for secure user login.
- \* Designed a responsive UI with React, Tailwind CSS, and optimized backend API performance.

## **SKILLS**

- Programming Languages: C, C++, Java, Python, HTML, CSS, JavaScript, SQL, Reactjs, Linux
- Web Technologies: HTML5, CSS, JavaScript, Reactjs, Express, Nodejs
- Database Systems: Mongodb, SQL, PostgreSQL
- o 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
- o 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.
- \* 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.
- \* Launched skills in project coordination, event management, and mentorship, while applying leadership and communication expertise.

#### **CERTIFICATIONS**

0	HP LIFE: Introduction to Cyber Security Awareness	Aug 2024
	Google: Tools of the Trade: Linux and SQL	Aug 2024
0	ISRO: Geo-Data Sharing and Cyber Security	Jan 2025
0	Google: Connect and Protect: Networks and Network Security	Oct 2024
0	IBM: Combining Machine Learning and rules for Cybersecurity	Nov 2024
0	TATA: Cybersecurity Analyst Job Simulation	Dec 2024
0	PwC US: Cyber Security Consulting Job Simulation	Jan 2025

#### **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

