

# 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  
*CyberSecurity Intern* Hyderabad, INDIA
  - Improved Password Strength Checker achieving 99% detection rate in identifying weak and vulnerable passwords.
  - 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  
*Web Developer Intern* Bangalore, INDIA
  - 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** 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.
  - \* 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
- **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.
  - \* Launched skills in project coordination, event management, and mentorship, while applying leadership and communication expertise.

## CERTIFICATIONS

- **HP LIFE : Introduction to Cyber Security Awareness** Aug 2024
- **Google : Tools of the Trade: Linux and SQL** Aug 2024
- **ISRO : Geo-Data Sharing and Cyber Security** Jan 2025
- **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
- **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