KRISHNA SAI VELLAMPALLI

Email:krishnasaivellampalli@gmail.com **| Linked in**: linkedin.com/in/krishna-sai-vellampalli/
Phone:+91 8919204287 |**GitHub**: github.com/krishnasai89

PROFESSIONAL SUMMARY:

Results-driven Full-Stack Developer skilled in Python, Django, React.js, and RESTful APIs with experience in designing and deploying scalable web applications. Developed an e-commerce platform integrating MySQL and MongoDB, improving product search efficiency. Passionate about cybersecurity and web performance optimization. Strong problem-solving abilities and a keen interest in AI-driven web solutions.

TECHNICAL SKILLS :

- **Front-End:** React.js, JavaScript, HTML, CSS, Bootstrap, Tailwind CSS
- **Back-End:** Django, Python, Java
- **Database:** MySQL, MongoDB
- **Development Tools:** Git, GitHub, Postman, VS Code
- **APIs & Security:** RESTful APIs, Django REST Framework, SSL/TLS, Encryption Algorithms
- **Development Practices:** Full-Stack Development, Responsive Design, Version Control

PROJECT EXPERIENCE:

E-commerce Platform

- **Role:** Full-Stack Developer **| Technologies**: Python, Django, React.js, RESTful APIs, MySQL, MongoDB, Tailwind CSS
- Designed and developed a full-stack e-commerce web application with secure user authentication and a seamless shopping experience.
- Integrated MySQL (for products, orders) and MongoDB (for reviews) to ensure optimal performance and scalability.
- Developed an intuitive, mobile-responsive UI using React.js and Tailwind CSS.
- Implemented RESTful APIs for efficient data retrieval and checkout processing.

Evaluation of Payment Gateway Technology's Cyber Security Threats

- **Role:** Technical Analyst & Team Member **| Technologies:** Java, NS-2, ODBC, SSL/TLS, Encryption Algorithms
- Conducted an in-depth analysis of cybersecurity threats in online payment gateways, identifying 10+ critical vulnerabilities.
- Researched secure encryption techniques and proposed stronger authentication methods to mitigate risks.
- Collaborated with technical teams to optimize security protocols and validate threat detection mechanisms.

INTERNSHIP EXPERIENCE:

Web Development Intern

- **Technologies:** HTML, CSS, JavaScript
  - Developed responsive websites using HTML, CSS, and JavaScript, focusing on user experience and performance.
  - Optimized cross-browser compatibility and implemented SEO-friendly design principles.
  - Worked collaboratively in an agile team to meet project milestones and improve UI components.

EDUCATION :

- B.Tech in Computer Science | PACE Institute of Technology and Sciences | 2024 | CGPA: 7.34
- Intermediate | Narayana Junior College | 2020 | CGPA: 7.67
- SSC | Krishna Memorial English Medium High School | 2018 | GPA: 8.5

CERTIFICATIONS & ACHIEVEMENTS:

- Python Programming Certification – Infosys Springboard
- Java & HTML Certifications – Spoken Tutorial Platform