

SHRIKRISHNA PATEL

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EDUCATION

Vellore Institute of Technology, Bhopal

B.Tech in Computer Science and Engineering (eCommerce Tech.)

September 2022 – Ongoing

CGPA: 8.5

SKILLS & TECHNOLOGIES

- **Languages:** HTML, CSS, JavaScript
- **CSS Frameworks:** Bootstrap, Tailwind CSS
- **JavaScript Frameworks:** React.js, Next.js
- **Databases:** SQL, MySQL
- **Version Control:** Git, GitHub
- **APIs:** REST APIs, Fetch API, Axios
- **Soft Skills:** Team Collaboration, Effective Communication, Leadership, Agile Development, Code Review

WORK EXPERIENCE

Industry Visit Program

09 2024 – 10 2024

Experiential Learning

Pune and Hyderabad

- Completed a 10-day immersive field study with industry leaders—L&T Metro, BSNL, TWorks, IMedita Solutions, and SAST—focusing on telecommunications and technical training sectors.
- Gained hands-on experience across 20 diverse departments, including data communication systems and metro control, meticulously documenting workflows, procedures, and best practices for process optimization.
- Collaborated closely with senior professionals to observe, document, and enhance operational processes, leveraging SQL and Python for advanced data management and network optimization.
- Developed a data-driven approach that increased data handling efficiency by 30%.
- Analyzed and optimized large-scale metro control systems, improving workflow efficiency by 15% using SQL-based data insights.

PROJECTS

FitHub Gym Membership Website | HTML, TailwindCSS, JavaScript, React.js, Next.js, Flask, MySQL

- Engineered a comprehensive web application offering tailored workout plans, a curated fitness e-kart, nutritional insights, and real-time progress tracking, boosting user engagement by 40%.
- Produced and integrated 9+ high-quality instructional videos, significantly enhancing user guidance on advanced fitness routines, techniques, and personalized workout strategies.
- Devised a customized workout strategy with interactive progress tracking, significantly boosting user retention.
- Built a responsive front-end with HTML, CSS, and JavaScript, ensuring seamless cross-device usability.
- Architected a scalable backend with Flask and MySQL, enabling efficient management of user data, transactions, and high-performance processing.

Sentiment Analysis Tool | HTML, CSS, JavaScript, Anaconda, Flask, Sci-kit-learn

- Designed and implemented a sentiment analysis tool using machine learning, achieving automated classification that enhanced data-driven insights across 1,000+ product reviews and streamlined feedback analysis.
- Achieved 85% accuracy in sentiment classification using data preprocessing (e.g., tokenization, stop-word removal) and Scikit-learn-based feature extraction on 1,000+ customer reviews.
- Reduced manual review time by 50% by processing 200 reviews per minute through automation.
- Boosted user engagement by 30% via an interactive feature with personalized recommendations.
- Optimized Python scripts to cut processing time by 30%, improving sentiment analysis speed.
- Improved review accuracy by 25% through API integration, enhancing data reliability and decision-making.

CERTIFICATIONS

- HTML, CSS, and JavaScript for Web Developers — Coursera
- Gen AI using IBM Watsonx — IBM
- Cybersecurity analyst — IBM
- Software Engineering Job Simulation — Forge
- Software Engineering Job Simulation — Forge
- Global Marketing Management — NPTEL
- Modelling and Analytics for Supply Chain Management — NPTEL