Vaishnavi Pande

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Professional Summary

A results-driven Information Technology student specializing in full-stack development and machine learning. Combines strong technical skills in MERN stack development with practical experience in building responsive web applications and conducting machine learning research. Demonstrated leadership through academic coordination roles and a consistent track record of academic excellence.

Technical Skills

- **Programming Languages:** C++, Java, JavaScript, HTML5, CSS3
- **Web Development Stack:** React.js, Node.js, Express.js, MongoDB, SQL
- **Developer Tools:** Git, GitHub, VS Code, npm
- **Technical Expertise:** Data Structures and Algorithms, RESTful APIs, Database Design
- **Machine Learning:** Python, Scikit-learn, Pandas, NumPy, Supervised Learning

Professional Projects

Travel Treasury - Group Expense Management Application   *Full Stack Developer*

- Developed a full-stack web application for managing travel budgets and tracking expenses using HTML, CSS, JavaScript, Node.js, and MongoDB.
- Implemented secure user authentication with login/signup functionality and ensured seamless expense tracking and budget planning.
- Built a real-time cost-splitting feature, enabling users to divide expenses among group members efficiently.

Personal Portfolio Website   *Frontend Developer*

- Developed a fully responsive portfolio website using React.js and CSS3 to showcase projects and skills.
- Implemented a multi-page layout with smooth navigation and a modern UI using React-Bootstrap.
- Ensured mobile responsiveness for an optimized user experience across all devices.

SQL Retail Sales Analysis   *SQL Developer Data Analyst*

- Designed and optimized a Retail Sales Database for efficient data analysis.
- Performed data cleaning and transformation to ensure accuracy and consistency.
- Identified top-performing products, peak sales periods, and customer spending patterns using aggregation and ranking functions.

Machine Learning Research Project   *Research Assistant*

- Analyzed the strategic prioritization of mobile apps vs. websites in e-commerce.
- Evaluated regression models to predict yearly customer spending, with Linear Regression achieving 98.2
- Provided data-driven recommendations for optimizing online business presence.

Education

SGGS Institute of Engineering and Technology	**2021 – 2025 (Expected)**
Bachelor of Technology in Information Technology	*CGPA: 7.83/10.0*
Swami Vivekanand Jr. College Jintur	**2019 – 2021**
Higher Secondary Education (HSC)	*93.50%*
S.O.D.M.V sengaon	**2018 – 2019**
Secondary School Education (SSC)	*94.20%*

Professional Development & Achievements

- **Certifications**
  - Completed 3-month intensive Full Stack Web Development (MERN) Professional Certification
  - Participated in Advanced Java Development Workshop - Faculty Development Program
  - Earned Data Structures and Algorithms Specialization certification