Prema Gudadinni

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CAREER OBJECTIVE

Innovative Computer Science and Engineering student skilled in full-stack development, IoT, and simulation technologies, seeking to contribute to impactful projects.

EDUCATION

B.E. in Computer Science and Engineering
SG Balekundri Institute of Technology, VTU, Belagavi Dec
2022 –2026

PROJECTS

- **Bar & Restaurant Website**: A full-stack web application developed to manage restaurant operations, showcasing complete front-end and back-end integration using HTML, CSS, JavaScript, Bootstrap, Node.js, and MongoDB.

- **Nursing Management System**: A DBMS-based software application designed to streamline nursing operations and enhance patient care by storing and retrieving data on patients, staff, and nursing activities using SQL and relational database concepts.

- **Typing Speed Calculator**: A web-based Java development project that measures users' typing speed and accuracy in real-time, built with HTML, CSS, and JavaScript, featuring an interactive and responsive UI.

- **Luminous – AI-Based Wallpaper Creation Tool**: Conducted thesis and theoretical research on an AI-powered tool for generating personalized wallpapers, focusing on image generation algorithms, user preferences, and machine learning techniques for visual customization.

INTERNSHIPS

- **Varcons Technologies Pvt. Ltd.** Full Stack Web Development Intern (Dec 2023 – Jan 2024) Developed a functional website for a beer lounge using HTML, CSS, JS, Node.js & MongoDB. Handled front-end templates, backend logic, and database integration.

- **Varcons Technologies Pvt. Ltd**. Java Development Intern (Oct 2023 – Dec 2023) Worked on a Typing Speed Calculator using Java, J2EE, Servlets, and JDBC. Prepared project modules and reported issues based on client specifications.

- **Varcons Technologies Pvt. Ltd.** Machine Learning with Python (Research Intern) (May 2024 – Jun 2024) Worked on Luminous – an AI-based Wallpaper Creation Tool, involving thesis and theoretical research. Built web templates, integrated databases, and aligned development with client specifications.

SKILLS

- **Programming**: Python, JavaScript, Java, SQL, HTML, CSS

- **Frameworks & Libraries**: Node.js, React.js, Express.js, MongoDB, MySQL

- **Embedded Systems & Hardware**: Arduino UNO, Breadboard Prototyping

- **Tools**: Git, VS Code, Ubuntu/Linux, Figma, XAMP

- **Project Management**: Agile, Team Collaboration