Gokul B
Software Developer

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Profile Summary

Enthusiastic and technically skilled software developer with a bachelor's degree in Computer Science. Proficient in Java, Python, and web development technologies. Strong understanding of software development methodologies and a quick learner with a passion for staying updated with industry trends. Eager to contribute to innovative projects and grow within a collaborative team environment.

Areas of Expertise

- Python,Java

- UI/UX Design

- HTML

- CSS

- SQL (MySQL Workbench)

- GitHub

- VS Code

- Bootstrap Framework

- Figma

- Canva

- Photoshop

- WordPress

Area of Experiences

(10/2021 - 12/2022) Titan Engineering and Automation Limited   Apprentice Hosur, India **Client** - TATA

- Supported the engineering team in various projects related to automation systems, machinery design, and quality control.

- Assisted in the design, assembly, and testing of robotic arms and conveyor belts.

- Collaborated with senior engineers to troubleshoot technical issues and optimize processes for efficiency.

- Demonstrated a strong work ethic, attention to detail, and willingness to learn in a fast-paced engineering environment.

Internships

(06/2023 - 08/2023) Opaints Digital Private Limited

Internship - Graphic Design & Web DevelopmentRemote

- Gained hands-on experience in **Canva**, **WordPress**, and **Figma** tools for creative design and prototyping.

- Worked on designing professional posters, UI/UX wireframes, and website content management.

- Enhanced practical knowledge of digital marketing assets, website customization, and responsive design.

- Successfully completed the internship with a certification in Graphic Design & UI/UX tools.

Projects

Name: Intelligent Door and Windows Automation System
Roles and Responsibilities: Developed an intelligent door and window system using Arduino. Implemented algorithms to automatically open and close doors and windows based on environmental conditions such as temperature and humidity. Collaborated with a multidisciplinary team to design and integrate sensors and actuators for seamless functionality.
Name: Application Protocol for Online Shopping
Roles and Responsibilities: Designed an intuitive and user-friendly application protocol for online shopping using Figma. Utilized industry best practices in UI/UX design to create a seamless shopping experience. Incorporated responsive design principles to ensure compatibility across various devices.
Name: Currency Converter
Roles and Responsibilities: Created a user-friendly currency converter using HTML and CSS, enabling users to convert between different currencies quickly and easily. Implemented an intuitive interface with responsive design principles for accessibility across various devices.
Name: Python Chatbot
Roles and Responsibilities: Developed a chatbot in Python using artificial intelligence techniques such as natural language processing (NLP) and machine learning. Implemented functionalities for conversational interactions, intent recognition, and response generation. Integrated with external APIs for data retrieval and processing. Conducted testing and optimization to improve chatbot performance and user engagement.
Name: Detecting Freshness of Food Using AI
Roles and Responsibilities: Implemented AI-based food freshness detection using machine learning and image processing techniques to assess the quality of food items. This helps in identifying spoiled food, reducing waste, and improving food safety. Utilized classification algorithms to differentiate between fresh and spoiled food. Integrated a dataset of various food items to train the AI model for accuracy.

Online Courses & Certifications

- Front-End Web Development - HTML, CSS, JavaScript (Jan. 2023) Udemy

- Java (Mar. 2021) Udemy

- Online Internship, Web Development Techno Hacks (01/10/2023 - 31/10/2023)

Education

- 2022-2025-Dhirajlal Gandhi College of Technology   BE - Computer Science and Engineering   -Salem

- 2018-2020-Shreenivasa Polytechnic College   Diploma in Mechanical Engineering   -Bommidi

Extra-Curricular Activities

- Attended a workshop on **Blockchain** at Chennai Institute of Technology.

- Attended a paper presentation on **Cloud Computing**.

- Attended a workshop on Python at Excel Engineering College of Technology.

- Regularly engage in coding on platforms such as **W3Schools, Udemy**, and practice coding on **HackerRank**.

Languages

- **Tamil** [Native]

- **English** [Proficient]