

T Soujanya



soujan3003@gmail.com | +91 7259190676 | LinkedIn | GitHub

Objective

Software Engineer with expertise in software development, problem-solving and scalable application design. Passionate about designing, developing and optimizing efficient, scalable and user-friendly applications.

Education

JSS Academy Of Technical Education , BE in Computer Science and Engineering

- CGPA:8.01

Narayana PU College, PUC (12th)

- Percentage: 96.16%

St Philomena's Girls High School, SSLC (10th)

- Percentage: 94.08%

Experience

InternPe, Python Intern

- Gained experience in Python programming fundamentals and Python libraries.
- Built games like tictactoe, Connect4, snake game.
- Built simple projects using Python, implementing python libraries and data structures.

Research

- Co-authored a research paper titled "Evaluating the Inclusivity of Content Moderation Tools for Underrepresented Languages"
- Explored the effectiveness and limitations of moderation tools in handling underrepresented languages

Game Development

- Built interactive browser-based games using HTML, CSS, and JavaScript

Projects

Product Comparison Website

- Compare products based on features, prices, reviews.
- Category-based filtering and dynamic product grid.
- Tools: React 18, Tailwind CSS, TypeScript, Node.js

Gas Leakage Detector with Buzzer Alert using Arduino

- Designed and developed a real-time gas leakage detection system using MQ-2 sensor to identify hazardous gases like LPG and methane.
- Implemented an alert mechanism using buzzer and GSM module to send SMS notifications upon detection of gas leaks. .
- Tools: Arduino, MQ Sensor, GSM Module, Blynk, IoT .

Certifications

Linux for Beginners – Udemy

- Linux command-line usage, file permissions, process and package management.
- Gained hands-on experience in Bash scripting and user management.

MongoDB for SQL Experts – MongoDB University

- Technologies: Mastered data modeling in NoSQL, aggregation, and queries in MongoDB.

All in AI: ChatGPT, Midjourney, Stable Diffusion – Udemy

- Technologies: Prompt engineering, AI image generation, and mobile app development.

Web Development Course – Internshala

- Technologies: HTML, CSS, React.js, Node.js, Bootstrap, JavaScript.

Software Engineering Fundamentals – Infosys Springboard

- Technologies: Software development lifecycle, collaboration and testing principles.

Skills

Technical: HTML, CSS, JavaScript, C, Python, Data Structures and Algorithms, Java, MySQL, Git

Soft Skills: Teamwork, Quick learner, Adaptability, Problem-solving, Work under pressure

Extracurricular Activities

NSS: Volunteered as a member of the National Service Scheme (NSS), demonstrating leadership, social responsibility, and teamwork through participation in community service and outreach activities.