

Srushtitha K S

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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

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| JSS Academy Of Technical Education , BE in Computer Science | Dec 2023 – June 2026 |
| • CGPA: 9.162 | |
| Govt PU College For Girls,Mudigere,Chikkamagaluru DT 577132,PUC(12th) | June 2020 – April 2022 |
| • Percentage: 96.33 | |
| Bethany High School,Bilagula,Mudigere,Chikkamagaluru DT 577132,SSLC(10th) | June 2019– April 2020 |
| • Percentage: 87.36 | |

Experience

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| InternPe , Python Intern | May 2024 – June 2024 |
| • 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.

Projects

Product Comparison Website

- Allows users to compare products based on features, prices, reviews, and more
- Category-based filtering system
- Dynamic product selection and removal
- Responsive product grid layout
- Tools Used: React18,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

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| Linux for Beginner to Expert – Udemy | Completed: Feb 2024 |
| • Learned 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 | Completed: Mar 2024 |
| • Mastered data modeling in NoSQL, aggregation, and queries in MongoDB. | |

Data Structures in C – Great Learning

Completed: Nov 2023

- Completed a course on Data Structures in C from Great Learning, focusing on core structures, memory management, and hands-on implementation in C.

Software Engineering Fundamentals – Infosys Springboard

Completed: Dec 2024

- Software development lifecycle, collaboration and testing principles.

Skills

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

Soft Skill: Collaborative mindset, quick adaptability to new concepts, resilience under pressure, flexible in dynamic environments, and strong analytical thinking.

Extracurricular Activities

Sports: Actively participated in the college women's volleyball team and athletics events, demonstrating leadership, teamwork, discipline, and commitment to physical fitness and competitive spirit.

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.