SUSHMITA KALASAGOND

Bengaluru, Karnataka

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CAREER PROFILE

Passionate about building scalable, user-focused web applications using Java, HTML, CSS, JavaScript, React, and SQL. Skilled in creating clean, efficient, and maintainable code with a strong foundation in debugging, problem-solving, and collaborative development. Eager to contribute to innovative software projects while continuously enhancing technical expertise and professional growth.

TECHNICAL SKILLS

Languages: Java, JavaScript, C++, SQL, Python.
Frontend: HTML, CSS, React.js.
Backend: Node.js, Servlets, Spring Boot, JDBC.
Databases: MySQL, MongoDB.
Soft Skills: Problem-Solving, Effective Communication, Adaptability, Time Management, Strong Work Ethic

EXPERIENCE

Kodnest   **May 2025 – Present**
Software Engineer Intern   *Bengaluru, Karnataka*
- Contribute as a Full Stack Developer Intern, focusing on Java-based web applications.
- Develop frontend components using HTML, CSS, and JavaScript, and implement backend logic with Core Java, JDBC, and Servlets.
- Build responsive user interfaces, apply Object-Oriented Programming (OOP) principles, and develop dynamic web solutions aligned with industry standards.

EDUCATION

BLDEA's V.P. Dr.P.G. Halakatti College of Engineering and Technology   **Dec 2021 – May 2025**
*B.E. in Computer Science - **CGPA: 8.2***   *Vijayapura, Karnataka*

Shanthinikethana Science PU College   **Jun 2019 – May 2021**
*Pre-University Course (PCMB) - **Percentage: 89%***   *Vijayapura, Karnataka*

Sri Vivekananda High School   **Jun 2018 – Apr 2019**
*Secondary School Leaving Certificate - **Percentage: 89%***   *Managooli, Karnataka*

PROJECTS

Hand Gesture to Text Conversion   **Sep 2024 – Mar 2025**
- Engineered an AI-based gesture-to-text system using Random Forest and CNN models, achieving 94% accuracy.
- Integrated MediaPipe for robust feature extraction and real-time gesture recognition from video and webcam input.
- Designed an assistive communication module with efficient data preprocessing, model training, and evaluation pipelines.

Full Stack Portfolio Website   **Oct 2023 – Feb 2023**
- Built a fully responsive personal portfolio website using HTML, CSS, JavaScript, and React-Bootstrap, featuring customizable themes.
- Developed a Node.js backend with MongoDB for dynamic project listings and streamlined content management.
- Implemented key features including a contact form with email integration, a project showcase, and secure form validation.

Online Job Portal   **Jun 2023 – Aug 2023**
- Created a web-based job portal connecting job seekers and employers to facilitate a seamless recruitment process.
- Utilized PHP, MySQL, CSS, and JavaScript for robust database management and interactive user interfaces.
- Implemented secure user authentication and real-time job posting functionalities to streamline the hiring workflow.

CERTIFICATIONS

- Full Stack Development (Java) - Kodnest
- Data Science with Python - LearnHub
- AI and Machine Learning - Rooman Technologies
- Cyber Security and Ethical Hacking - iStop (DevClub IIT Delhi)
- Web Development - BLDEACET