KSHAMA S

Mangaluru, Karnataka ,India, 575006

Web Developer | Competitive Coding Enthusiast | Exploring New Technologies

+91-9741433993 | kshamas618@gmail.com

in linkedin.com/in/kshama-s- | ⏻ github.com/Kshamas123

OBJECTIVE

Enthusiastic and detail-oriented individual with a strong problem-solving mindset and a passion for learning new technologies. Looking for an opportunity to apply my skills in a collaborative environment, collaborate with creative teams, and contribute to meaningful projects in an ever-evolving software development landscape.

EDUCATION

• **Sahyadri College of Engineering and Management**   *2022-2026*
Bachelor of Engineering in Computer Science   Mangaluru,India
  ◦ CGPA : 9.87

PROJECTS

• **LETTER GENERATOR**
Tools: Node.js, MySQL, JavaScript, HTML, CSS, jsPDF   [⏻]
  ◦ Developed a web-based Letter Generator system to streamline the creation of various letter types, tailored to user inputs.
  ◦ Engineered system architecture using MySQL for efficient storage and retrieval of letter templates and user data, significantly improving system performance and scalability.
  ◦ Integrated jsPDF to enable users to generate downloadable PDFs of their letters, enhancing user experience by providing an easy-to-use feature for saving and printing letters.
  ◦ Conducted load testing handling 2,679 requests with an average response time of 7 ms, achieving a peak throughput of 43.57 requests/second, and zero errors, ensuring optimal performance under high traffic.

• **MILLETCONNECT**
Tools: Node.js, MySQL, React.js,MobileViT v2   [⏻]
  ◦ Developed a millet-based platform for health tracking, disease-specific recommendations, and awareness.
  ◦ Integrated MobileViT v2 for accurate millet image classification and detailed information display.
  ◦ Created a personalized millet recommendation module for managing conditions like diabetes and obesity.
  ◦ Implemented a Nutritional Tracker for tailored dietary feedback.
  ◦ Achieved a training accuracy of 92.81%, ensuring high model performance for millet identification and health recommendations.

SKILLS

• **Languages:** C, C++, JAVA, JAVASCRIPT, HTML, CSS
• **Technologies/Frameworks:** React.js, Node.js, Express.js, Web3.js, Bootstrap
• **Database Systems:** Mysql
• **Developer Tools:** VS Code, Git, Postman, Eclipse
• **Soft Skills:** Communication, Teamwork, Problem-solving, Adaptability, Time management, Leadership, Critical thinking,Attention to detail

HONORS AND AWARDS

• **First Place – "MilletConnect" Project**
Project Expo, Mini Project Poster Presentation
  ◦ Awarded first place for the "MilletConnect" project, a platform designed to promote millet awareness, nutrition, and health tracking. The project included features such as millet identification, disease-based search, and a nutritional tracker, providing users with valuable tools for health and nutrition management..

• **Second Place – Canteen Management Website**
MERN Think Outside the Stack 2024, TCE
  ◦ Awarded second place for the Canteen Management Website in the MERN Think Outside the Stack 2024 competition. The project featured both user and admin sections, with functionalities for managing food items, user authentication, and providing a seamless user experience for food selection and display.

LEADERSHIP/VOLUNTEER EXPERIENCE

- **Event Lead, Speed Typing Contest**   *Nov,2024*

  Synergia – Technical Event, Sahyadri College of Engineering and Management

  ◦ Led the planning and execution of the Speed Typing Contest, managing event logistics and ensuring smooth coordination.

  ◦ Developed the competition framework and implemented a real-time leaderboard to track participant performance.

  ◦ Collaborated with the team to design and execute promotional campaigns, increasing participant engagement and event attendance.

- **Mentor, HackHarbor Internship**   *Sep,2024*

  SOSC, Sahyadri College of Engineering and Management

  ◦ Guided junior students in fundamental C programming concepts, providing clear explanations and problem-solving support to improve coding skills.

  ◦ Delivered hands-on tutorials and mentorship to help juniors build confidence and enhance their programming abilities.

  ◦ Contributed to the internship's success by fostering a collaborative and supportive learning environment.