ASHA UMAKANT ZALAKI

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Profile

Recent Bachelor of Engineering graduate seeking an entry-level position in software development where I can apply my knowledge of Java, web technologies, and databases. I aim to contribute effectively to projects while enhancing my technical skills. With a strong learning attitude, I am eager to adapt to new challenges and emerging technologies. My goal is to grow with the organization while delivering quality results.

Education

Bachelor of Engineering, *Secab Institute of Engineering and Technology, Bijapur* 12/2021 – 06/2025
Total Aggregate: 8.7cgpa   Bijapur Karnataka
University: VTU Belagavi

PUC, *Banajwad residential PU college,Athani*   2019 – 2021
Percentage:80%   Athani,India

SSLC, *Government High School,Zunjarawad*   2019
Percentage:83.36%   Zunjarawad,India

Skills

Programming Languages
Core Java , HTML , CSS , Java Script , SQL , JDBC , Hibernet , Spring Boot.

Tools & Technologies
Arduino IDE , VS code , Ecclipse IDE , Microsoft Office , Power Point , Microsoft Word , Scilab , PCB design.

Specialization
Core Java, Spring MVC, Web Technologies (HTML, CSS, JavaScript), SQL, Full Stack Development"t, Analog Electronics , Power Electronics,Good Communication Skills , Interpersonal Skills.

Training / Internship Experience

AI/ML Intern,   02/2025 – 05/2025
Rooman Technologies (Secab Institute of Engineering & Technology, Bijapur)

Objective: Gained hands-on experience in implementing AI and Machine Learning solutions to solve real-world problems.
Description: During my internship at Rooman Technologies, I worked on developing and training machine learning models, performed data preprocessing and feature engineering, applied AI/ML algorithms for predictive analysis, and collaborated with the team to implement practical solutions while documenting results effectively.

Java Full Stack Developer, *JSPiders, Rajajinagar*

Objective: Enhancing practical skills in Java Full Stack development through hands-on project work.
Description: Currently interning at JSpiders, Rajajinagar, learning to develop multi-page web applications using Core Java, HTML, CSS, JavaScript, and SQL, gaining experience in both front-end and back-end development.

Projects

Multi-Page Website (Login & Sign Up)
Project

Objective: To apply Java Full Stack skills in developing practical web applications and gain hands-on experience in front-end and back-end development.

Description: During my internship, I developed a multi-page website using HTML, CSS, and JavaScript, implementing features like login and signup, responsive design, and interactive navigation, while enhancing my understanding of web application development.

Personal Portfolio Website
project

Objective: To create a professional online presence that effectively showcases my skills, projects, and achievements, while demonstrating proficiency in HTML and CSS and gaining practical web development experience.

Description: I built my personal portfolio website using HTML and CSS to effectively showcase my skills, projects, and achievements. The website features a clean and responsive design for easy navigation. It highlights my work experience, internships, and technical projects, providing a professional online presence. You can view the live website here:
 https://ashaz-sudo.github.io/ashazalaki-portfolio/

Bill Prediction and Power Factor Measurement with SMS Alert
Project

Objective: To develop a smart system that predicts electricity bills, monitors power factor, and sends real-time SMS alerts, improving energy management and efficiency.

Description: This project involves designing a system that predicts electricity bills based on usage patterns, measures the power factor of electrical systems, and sends SMS alerts to notify users of anomalies or thresholds. It integrates data analysis, automation, and alert mechanisms to help users manage electricity consumption effectively.

Achievement

KSCST-Funded Final Year Project: "Bill Prediction and Power Factor Measurement with SMS Alert"
This project focused on developing a system capable of predicting electricity bills and measuring the power factor, integrated with an automated SMS alert feature for real-time updates. The innovative approach towards energy monitoring and cost prediction was recognized and selected by the Karnataka State Council for Science and Technology (KSCST).

Publication
Published a research paper titled *"Bill Prediction and Power Factor Measurement with SMS Alert"* in the
International Research Journal of Modernization in Engineering, Technology and Science (IRJMETS), 2025. The paper highlights an innovative approach to predicting electricity bills and monitoring power factor with automated SMS alerts, focusing on improving energy efficiency and real-time monitoring.

Languages

- ENGLISH
- HINDI
- KANNADA