

Kiruthiga C

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Summary

Software Developer with 1.6+ years of experience in building and deploying scalable web applications. Proficient in front-end technologies like JavaScript, jQuery, Vue.js and back-end development using Node.js, and Express.js. Strong problem solving skills and a collaborative team player with a focus on delivering efficient and quality solutions.

Education

A.V.C College of Engineering (ANNA UNIVERSITY)

Aug 2019 – May 2023

Bachelor of Engineering in Computer Science

- CGPA: 8.67

Experience

Software Developer

June 2023 – Present

Mayur Software Solutions

- Developed and maintained scalable web applications using **Node.js**, **Express.js** and **MongoDB**, ensuring robust back-end functionality.
- Designed and implemented dynamic, responsive user interfaces using **HTML**, **CSS**, **JavaScript**, **jQuery**, and **Bootstrap** to improve user experience.
- Integrated **SendGrid** for seamless email automation, **WebSocket** for real-time communication, and streamlined communication to increase user engagement.
- Leveraged **AWS S3** for secure cloud storage and **Amazon EC2** for scalable server management, optimizing application performance.
- Automated customer support workflows with **Zendesk** and implemented job scheduling to enhance back-end efficiency and reduce response times.

Intern

IGold Technologies

Feb 2023 – Mar 2023

- Experienced in **JavaScript** problem-solving and debugging, including **DOM manipulation**, and proficient in **C++** for implementing **data structures** like **linked lists**, **stacks**, and **hash maps**.
- Skilled in **file handling** in **C** and performing **task execution** and handling **events** in **Python**.

Technical Skills

HTML5, CSS3, Bootstrap, JavaScript, Java, NodeJS, Spring Boot, Vue.js, ExpressJS, Angular, MongoDB, Mocha, MySQL, Python, C++, Git, Postman, AWS S3, Putty

Projects

Emotion Based Music Recommendation System

[github.com/musicplayer](https://github.com/kiruthiga/musicplayer) 

- Developed an **emotion detection system** using **OpenCV** and **Python**, integrated with **YouTube Music** for automatic playlist generation based on user emotions.

E-BUDDY For Child Labour

[github.com/ebuddy](https://github.com/kiruthiga/ebuddy) 


- Designed a responsive frontend and used **fetch call** to render data to frontend, and using **ExpressJs** and **NodeJs** REST API in the backend. Designed a **database schema** and hosted a database on **AWS (RDS)**.

Plasma Donor Application

[github.com/plasma](https://github.com/kiruthiga/plasma) 

- Developed a web platform with **HTML**, **CSS**, **JavaScript** for intuitive UI, hosted on **IBM Cloud**, and implemented **Python** backend for seamless interaction between plasma donors and recipients.

Achievements and Certifications

- Smart India Hackathon 2022, Finalist. Solved 100+ problems in [LeetCode](https://leetcode.com/) 
- **Introduction to Cloud IBM**, **IBM Cloud Essentials v3** by IBM Developer Skills Network and **Java Programming** on Udemy, **DevOps Essentials** by **Programming Hub**