

Malarasu K

Full Stack Developer

Bengaluru, Karnataka | 7010095704 | malarasuk@gmail.com

PROFILE

Experienced and results-driven web developer with a passion for creating dynamic, user-friendly websites, and applications. Proficient in front-end and back-end development.

WORK EXPERIENCE

Junior Web Developer (Intern – 6 months)

Rexknar Creative Solutions

- Utilized HTML, CSS, and JavaScript to develop responsive web applications.
- Assisted in implementing new features and functionality using frameworks like React.js and Express.js.
- Collaborated with senior developers to troubleshoot and debug code issues.

PROJECTS

Worked on ERP product

- I played a key role in the development of an Enterprise Resource Planning (ERP) software. My responsibilities primarily revolved around front-end development.
- Where I designed and implemented essential user authentication features, including login, signup, and forgot password functionalities.
- **Technologies Used:** HTML, CSS, React.js.
- **Key Challenges & Learnings:**
 - ◆ Ensuring that the front-end authentication features work consistently across different browsers and devices..
 - ◆ Learned and applied best practices for securing user authentication data
 - ◆ Improved understanding of creating intuitive and user-friendly interfaces.

Authentication Module for E-Commerce

- Developed a robust authentication module using Node.js and Sequelize for an e-commerce platform, ensuring secure access and data integrity.
- Implemented user authentication, authorization, and password encryption functionalities to enhance the platform's security.
- Utilized Sequelize ORM for efficient database management and seamless integration with the Node.js backend.
- **Technologies Used:** Node.js, Express.js, SQL.
- **Key Challenges & Learnings:**
 - ◆ Ensuring that the authentication module provides secure access and maintains data integrity.
 - ◆ Ensuring robust encryption of passwords to protect user credentials.
 - ◆ Gained experience in implementing secure authentication and authorization processes.

LMS Portal Server Refactoring

- Engaged in optimizing and refactoring the codebase of a Learning Management System (LMS) portal server to improve scalability and performance.
- Analysing existing code structure and identifying areas for enhancement to streamline operations and reduce maintenance overhead.
- **Technologies Used:** Node.js, Express.js.
- **Key Challenges & Learnings:**
 - ◆ Enhancing the codebase to support increased user load and future growth.
 - ◆ Learned techniques for optimizing codebase scalability and performance.
 - ◆ Gained experience in refactoring code to enhance readability and maintainability.

TECH SKILLS

- Html, CSS
- JavaScript
- MongoDB
- Express.js
- React.js
- Node.js
- SQL
- MySQL

EDUCATION

Bachelor of Engineering, (CGPA-7.3)

VINS Christian College of Engineering.
2016-2020.

Higher Secondary Education, (Score-91%)

DVD Higher Secondary School.
2014-2016.

ACHIEVEMENTS

Hosted JS-Maven Tech Meetup

- I successfully organized and hosted the JS-Maven tech meetup on four occasions, facilitating discussions on cutting-edge Node.js technology and fostering a collaborative learning environment.
- This experience significantly bolstered my communication skills and effectively diminished any stage fright, enabling me to confidently engage with diverse audiences and present technical concepts with clarity and poise.