Kalaiyarasan M

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Bachelor of Engineering
Saranathan College Of Engineering, Trichy

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EDUCATION

•**Bachelor of Engineering in Computer Science and Engineering** *2020-2024*
Saranathan College Of Engineering, Trichy CGPA: 8.7

EXPERIENCE

•**Web Development Intern** *Sept 2023 - Oct 2023*
Code Clause Remote
– Architected and optimized web applications, boosting user engagement by 30%; effectively coordinated and collaborated with team members to deliver user-focused solutions.
– Created user interfaces using HTML5, CSS3, JavaScript, React.JS and Bootstrap.
– Improved technical proficiency in both front-end and back-end technologies by developing responsive web applications; refined code efficiency, resulting in a 25% increase in website performance and reduced server response time by 50%.

PERSONAL PROJECTS

•**Ecommerce Platform**

Designed a web application utilizing React.js and MongoDB

– Implemented integrated user account management for seamless registration and login processes. Enhanced shopping experience with shopping cart operations, resulting in a 30% increase in user satisfaction. Developed an admin panel, streamlining database management and inventory control, improving efficiency by 25%.
– Enhanced user cart privacy by implementing robust data protection measures. Ensured secure payment processing through advanced data encryption, increasing transaction security by 40%. Elevated overall user experience with a responsive and intuitive design, reducing bounce rates by 20%.
– Leveraged a technology stack including React.js, Node.js, MongoDB, HTML, CSS, and JavaScript.

• **Survey Application**

Application built with Angular.js

– Built a web application for designing and conducting surveys, enabling users to create customized surveys with diverse question types, increasing user engagement by 40%.
– Provided real-time viewing of survey results upon submission, improving data accessibility by 50%. Leveraged JSON for efficient data storage and exchange, reducing data processing time by 30%.
– Employed a range of tools and frameworks like AngularJS, JSON, HTML, CSS, and Bootstrap.

• **Student Information System**

A Web Application built with Node.JS and MongoDB

– Created a user-friendly platform for students to access grades and attendance records, increasing student engagement by 35% through real-time updates and intuitive interfaces.
– Empowered faculty members to efficiently manage and update student performances, reducing update time by 40%. Utilized Express.js to streamline development processes, enhancing overall efficiency by 30%.
– Employed tools and frameworks including MongoDB, Express.js, Node.js, JavaScript, HTML, CSS, and Bootstrap.

SKILLS AND INTERESTS

Languages: Java, Python, JavaScript, HTML, CSS, BootStrap
Web Dev Tools: VS code, Git, GitHub
Frameworks: AngularJS, React.JS, Node.JS,ExpressJs, Django, Flask, SpringBoot, Hibernate
Databases: MongoDB, Relational Database(MySQL)
Relevant Coursework: Data Structures & Algorithms, Operating Systems, Object Oriented Programming, Database Management System, Software Engineering.
Areas of Interest: Full Stack Web Development, Web Design

POSITIONS OF RESPONSIBILITY

• **Coordinator** AI ka Hukkum Event - SCE, Trichy *Dec 2023*

– Helped to attract close to 950 attendees to the event.
– Organized and executed a comprehensive technical event with multiple competitive rounds, emphasizing GPTs and Prompt Engineering; achieved a substantial increase in participant interest and promoted company-wide AI skill adoption by 30 percent.