Harshavardhan Gudem

Salt Lake City | +13854617240 | harsha.gudem2@gmail.com | https://www.linkedin.com/in/harshavardhan-gudem/

Summary

Software Engineer with over 2 years of experience specializing in front-end development and web applications. Led projects on modern front-end technologies and developed key internal software applications resulting in significant performance enhancements. Proven track record creating responsive designs and optimizing web applications for higher user satisfaction. Eager to leverage extensive knowledge in JavaScript, HTML, CSS, and React to contribute as a Frontend Developer, transforming complex layouts and enhancing web experiences.

Skills

Front-End Development: HTML, CSS, JS, JQuery, Twitter Bootstrap
Web Development: ReactJS, React Hooks, React Redux, JavaScript ES6, TypeScript, Tailwind CSS, Angular JS, NodeJS, Bootstrap, JSON, Restful APIs Design, PHP, AWS, Web services, Version Control systems, WordPress, Shopify, BigCommerce, Media Queries, API, Bitbucket, Vue, NPM, Yarn, Jest, UI/UX design, Responsive Design
Programming Language: JavaScript, Python
Databases: MongoDB, MYSQL, PostgreSQL, SQL
Tools: Figma, MS Office, Excel, Git, GitHub, Visual Studio, Babel, Webpack, Lucid Chart, Postman, Atlassian
Languages: English Proficiency
Additional Web Skills: AJAX, Confluence

Work Experience

CrashPad   Salt Lake City, UT
Front-End Developer   Jan 2024 – Aug 2024
- Developed a responsive web design and mobile app for booking unique RV accommodations and managing RV properties, incorporating interactive maps, user authentication, and secure payments, resulting in a 50% increase in bookings.
- Designed and implemented a comprehensive registration and booking management system, managing property details and media uploads, ensuring seamless UI/UX, and reducing user drop-off by 30%.
- Collaborated with the backend team using a tech stack including ReactJS, JavaScript, REST APIs, NodeJS, SQL, TypeScript, and Git, enhancing booking management efficiency by 40%.
- Utilized AWS for web hosting and S3 buckets for media storage, integrated Google Analytics for user insights, implemented JWT for session management, and OAuth for authentication, and developed project documentation with Confluence, improving project delivery speed by 25%.

University of Utah   Salt Lake City, UT
Graduate Teaching Assistant   Aug 2023 - Present
- Developed and presented web application projects using modern front-end technologies like HTML5, CSS3, JavaScript, wireframes, and AJAX. Incorporated Tableau visualizations and problem-solving techniques to provide students with practical insights into web development and data visualization, resulting in a 40% improvement in student project quality.
- Led TA sessions, assisting over 80 undergraduate students per semester in business problem-solving using Excel, Tableau, and web development tools. Refined teaching methods and collaborated with faculty to create engaging course materials and support project development, leading to a 30% increase in student engagement and satisfaction.

Total Infra & Mining Solutions   Hyderabad, India
Software Engineer   Nov 2021 - Jul 2023
- Created an internal procurement software application and webpage using React functional components and Tailwind CSS, which led to a 40% increase in sales and a 50% reduction in procurement-related errors.
- Improved web application usability by incorporating advanced React features such as React Hooks and React Router, and automated testing. Achieved a 40% acceleration in page load speed and a 25% reduction in overall page load time.
- Developed webpages using reusable functional components in ReactJS, handling requests asynchronously. This approach enhanced website performance by 40% and boosted the development team's efficiency.
- Integrated RESTful APIs to enhance functionality and user experience. Leveraged Agile methodologies/Scrum, CI/CD practices for efficient software development life cycle management and Jira, improving project delivery by 20%. Collaborated with designers, developers, testers, product owners, and stakeholders to refine software solutions, resulting in a 10% increase in user retention.

South Central Railway,   India
Information Technology Intern   Jun 2020 - Jan 2021
- Contributed significantly to the creation and upkeep of responsive front-end design user interfaces using modern programming for mobile software railway ticketing system, employing HTML, CSS, and modern Java Script concepts, resulting in a 35% improvement in system responsiveness and user satisfaction.
- Provided frontline support to colleagues, identify problems, assisting with technical troubleshooting, Bug fix analysis,

frontend-related issues such as UI navigation and minor performance optimizations within team culture. Conducted seminars on safe internet practices, educating employees on cybersecurity measures relevant to frontend usage, leading to a 25% reduction in frontend-related incidents.

Education

University of Utah, David Eccles School of Business	Salt Lake City, UT
Master of Science in Information Systems	Aug 2023 - Present
Jawaharlal Nehru Technological University Hyderabad, CMR Technical Campus	Hyderabad, India
Bachelor in Mechanical Engineering	Jun 2017 - Jul 2021

Projects

Supergear
- Built a complete ecommerce website with dynamic product and category pages, a product list page, and a discounted banner, using React with Vite.js for the front-end and Node.js for the back-end.
- Utilized Firebase for authentication, storage, and database management, ensuring secure and efficient handling of user data and media files.
- Integrated Stripe.js for seamless payment processing, enhancing the user checkout experience and ensuring secure transactions.
- Employed Tailwind CSS for responsive design and styling, creating an engaging and visually appealing user interface. Additionally, developed a blog section to boost content marketing and SEO efforts.

Tesla Clone
- Developed a Tesla Clone web application, replicating key features and design elements of the Tesla website to enhance web development skills.
- Utilized ReactJS for building the front-end, ensuring a responsive and dynamic user interface. Implemented state management with React Hooks and Redux for efficient data handling.
- Employed Tailwind CSS for modern and responsive styling, creating an intuitive and visually appealing user experience.

Biomat USA
- Developed a web application for plasma donation using HTML, CSS, JavaScript, PHP, and SQL, enhancing user experience and streamlining the donation process.
- Designed the website with HTML and CSS, ensuring a visually appealing and user-friendly interface.
- Implemented core functionalities using JavaScript and PHP, including authentication, authorization, session management, and secure password encryption with hashing algorithms.
  Utilized SQL for robust database management, ensuring efficient storage and retrieval of user and donation data.