Seetharamakrishna Pinniboina

Full Stack Developer

Email: seetharam0822@gmail.com LinkedIn Portfolio GitHub Mobile: +1 (832) 659-1220 Place: United States

EDUCATION

Master of Science in Computer Engineering
University of Houston Clear Lake, Houston, Texas   August 2021 – May 2023

Bachelor of Technology in Electrical & Electronics Engineering
JNTUK, India   Aug 2016 – Sep 2020

TECHNICAL SKILLS

- **Programming Languages:** JavaScript, Java
- **Web Technologies:** HTML, CSS, PHP
- **JavaScript Framework :** Node.js, Vue.js, Require.js, Angular.js, React.js, Redux
- **Build Tools:** Webpack
- **Databases:** SQL Server, MySQL, MongoDB
- **Development Environments:** Visual Studio Code, MATLAB, Anaconda
- **Operating Systems:** Windows, MacOS, Linux
- **Cloud Platforms:** Amazon Web Services (AWS), Microsoft Azure
- **Version Control:** GitHub
- **Development Tools:** Debugging
- User Interface Design, Wireframing

PROFESSIONAL EXPERIENCE

University of Houston   Texas, USA
Graduate Teaching Assistant   May 2022 – May 2023
Technologies: HTML, CSS, JavaScript (ES6+), Java, Python 3.9

- Confirmed professors in delivering courses on Principles in Digital Communications and Machine Learning and Applications, enhancing student engagement.
- Facilitated hands-on learning in web development utilizing Python, TensorFlow, HTML, CSS, and JavaScript, resulting in a 25% improvement in student comprehension.
- Backed with lesson planning, fostering small group instruction, and managed lab resources, ensuring seamless delivery of educational content.
- Spearheaded the implementation of GitLab for version control, streamlining collaborative efforts among faculty and students, reducing project completion time by 20%.
- Designed and implemented machine learning projects, achieving increase in student interest and participation.
- Executed data-driven approaches in course curriculum enhancement, resulting in a 15% improvement in student performance metrics.
- Collaborated with faculty to develop innovative teaching strategies, resulting in positive feedback from students.

Infoville Solutions India Pvt. Ltd.   Bengaluru, India
Web Developer   Jan 2020 – Aug 2021
Environment: HTML5, CSS3, Bootstrap, JavaScript ES6, React JS, Redux, Webpack, SASS, Material-UI, Babel, Jest, Enzyme, React Router, Flow, Immutable, React Native, MongoDB, Redux Saga, Redux Thunk, D3 JS, AWS Lambda, AWS CLI, Node.js, Git

- Engineered interactive web applications utilizing React, Redux, and JavaScript (ES6+), resulting increase in user engagement.
- Constructed web pages with responsive design using HTML5, CSS3, Bootstrap, and Material-UI, enhancing user experience by 30%.
- Implemented efficient state management with Redux and managed asynchronous actions using Redux Thunk and Saga, leading improvement in application performance.
- Optimized application performance by 15% through the utilization of Immutable.js, ensuring seamless user interactions.
- Developed comprehensive unit tests using Jest and Enzyme, achieving reduction in bug occurrence.
- Integrated MongoDB for data storage and retrieval, enhancing data management efficiency by 25%.
- Cooperated with cross-functional teams to deliver high-quality web solutions, receiving positive feedback from clients.