# SAI KRISHNA ERAVALLI

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## PROFESSIONAL EXPERIENCE

**Full stack Developer**                                                                                                    **June 2022 – May 2023**
*Decision Theatre Network*                                                                                                          *Tempe, USA*

- Developed and deployed a comprehensive Learning Management System (LMS) utilizing MongoDB, NodeJS, React, HTML, CSS, TypeScript, and JavaScript with strong emphasis on Continuous Integration and Continuous Deployment (CI/CD) practices.
- Designed and implemented secure authentication, responsive UI, content management, and real-time collaboration features while prioritizing scalability to accommodate the growing user base.
- Conducted successful demos for managerial stakeholders and US community teachers, enhancing user engagement and platform understanding, highlighting my commitment to agile development methodologies.
- Collaborated closely with educators, customizing the LMS to enable effective remote content delivery for over 500 students.
- Managed the end-to-end project for the LMS, from requirements gathering to Docker deployment on an Ubuntu server, showcasing self-motivation and technical proficiency.

**Software Engineer**                                                                                                  **December 2019 – August 2021**
*Infosys Limited*                                                                                                                 *Hyderabad, India*

- Collaborated effectively within an 11-member cross-functional team demonstrating teamwork skills, actively contributing to the software development life cycle, including asynchronous programming and successful delivery of comprehensive web applications.
- Constructed 9 specialized service applications, showcasing strong coding skills in Angular, HTML5, CSS, Bootstrap, JavaScript, and TypeScript, resulting in a 20% increase in application efficiency.
- Conducted 15 client demos, ensuring continual alignment and transparent communication for steady progress.
- Applied Agile methodologies rigorously, optimizing workflows through Git and Bitbucket for seamless version control across different projects.
- Pioneered an innovative and tailored calendar solution, leading its conceptualization, execution, and evolution into a npm library seamlessly integrated with API, enabling personalized calendar customization.
- Engaged with the Product Owner and UI designers to convert customer requirements into functional design elements.
- Pursued improvement by completing internal Angular and MongoDB certifications to enhance skills.

## PROJECT EXPERIENCE

**Portfolio Application**                                                                                                      **May 2023 – June 2023**

- Constructed a React portfolio site using Chakra UI, featuring self-introduction, projects, experience, education, and a working contact form. Showcased React skills, state management, responsiveness, problem-solving, analytical and user interaction.

**Android Application Development**                                                                                      **February 2022 – April 2022**

- Developed a mobile application for remote monitoring of Covid-19 symptoms, heart, and respiratory rates, with automatic data collection and GPS upload every 15 minutes through a background service.

**Ecommerce Application**                                                                                                     **April 2020 – May 2020**

- Crafted an engaging e-commerce website with distinct categories, leveraging MEAN stack. Implemented secure CRUD RESTful web services, user privilege system, and performed thorough testing for optimal functionality by following agile methodology.
- Experienced in practicing Test-Driven Development (TDD) methodologies, actively utilizing tools such as Karma test runner and Jasmine for effective unit testing.

**Travelling Application**                                                                                                  **February 2020 - March 2020**

- Engineered an interactive tourism website using Angular, HTML, CSS3, JavaScript, TypeScript, Node.js, ExpressJS, and MongoDB. Enabled seamless data retrieval for various tourist packages, creating an engaging and user-friendly interface.
- Employed module lazy loading to reduce initial application payload, expedite downloads, and effectively resolved cross-browser compatibility issues. Additionally, demonstrated proficiency in utilizing JS Lint/ES Lint for ensuring high code quality.

## TECHNICAL SKILLS

- **Languages**: Python, C, Java, Java Script, TypeScript, HTML5, CSS, Bootstrap, SQL, NOSQL.
- **Tools/Frameworks:** Angular, AngularJS, React, Node.js, Express.JS, React.JS, MongoDB, Apache Hadoop, PostgreSQL, Git, Jira, Eclipse Ide, Android Studio, Jasmine, Protractor, Spring Boot, Spring framework, Jest, Redux, Docker, Maven, JSON, RxJS, NGRX, Agile, Angular Material, Chakra UI, Material UI, NPM, Cloud Technologies, REST, Sass, AJAX, Bitbucket, Grunt, ES6, Webpack.
- **Certifications:** AWS Certified Cloud Practitioner.

## EDUCATION

**Arizona State University**                                                                                                               **May 2023**
*Master of Science in Computer Engineering*                                                                                              *Tempe, AZ*

**Sreenidhi Institute of Science & Technology**                                                                                            **May 2019**
*Bachelor of Technology in Electrical Engineering*                                                                                 *Hyderabad, India*