SAIMANVITH ANANDESI

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PROFESSIONAL EXPERIENCE

Web Developer II – University of Texas, Arlington   **SEP 2025 – Present**
- Developed custom REST APIs using C# and ASP.NET MVC to expose Sitecore CMS data, replacing legacy external API integrations.
- Built reusable Sitecore components using Glass Mapper, controller renderings, and Razor Views to support scalable content-driven UI.
- Built and integrated a custom Sitecore JSON API using C#, Glass Mapper, and LinkManager to expose structured academic program data, supporting both internal Sitecore pages and external program links, and refactored frontend to consume the new private API.
- Implemented Blue-Green deployment strategy for Sitecore environments, enabling zero-downtime releases and safe production rollouts.
- Improved Sitecore CMS navigation performance by replacing expensive Axes.GetDescendants() tree traversal with optimized ContentSearch (Solr) queries, implementing a reusable SearchManager utility and reducing breadcrumb rendering latency.

Web Developer - University of North Texas, US   **JAN 2023 – DEC2024**
- Designed and implemented responsive single-page applications using React.js, improving overall user experience and increasing user engagement by 30%.
- Developed modular frontend components using React Hooks (useState, useEffect), enabling efficient state management and improved application maintainability.

Associate Software Developer – WIPRO, IND   **DEC 2019 - DEC 2022**
- Developed scalable backend services using ASP.NET Core and RESTful APIs to support enterprise web applications building reusable frontend components using React.js, TypeScript, and Bootstrap, improving UI consistency and accelerating feature delivery.
- Designed and deployed microservices architecture using .NET Core, enabling modular development and improved scalability.
- Deployed applications on AWS EC2 and configured reverse proxy and load balancing to improve system reliability and availability.
- Implemented CI/CD pipelines using Jenkins to automate build, test, and deployment processes, reducing release cycle time.
- Used Splunk and centralized logging tools to monitor application health and troubleshoot production issues.
- Conducted A/B testing experiments and analyzed user behavior to improve feature adoption and user engagement.

SKILLS

- **Languages**: Java, C++, JavaScript, ES6+, TypeScript, Python
- **Databases**: Oracle, MySQL, MongoDB, Redis, Solr
- **Frameworks & Tools**: Spring, Spring Boot, Angular, React.js, Nodejs, Express.js, Cucumber, Github, GitLab, Svn, Jira, Jenkins, Postman, Tomcat, Kibana, CI/CD, Kubernetes, SonarQube
- **Knowledge In**: Maven, Gradle, Spring Security, OAuth2, Splunk, Swagger, Microservices, Kafka, RabbitMQ, Docker, Selenium, Json, REST API, GraphQL, gRPC, Xml, Html, Css, SASS, Agile, Bootstrap, Drupal, Thymeleaf, Aws **EDUCATION**

University of North Texas, Denton, Tx (Masters in Computer Science), CGPA: 3.72/4   **DEC 2024**
CVR College of Engineering, Hyd (Bachelors in Electrical), CGPA: 4/4   **AUG 2020**

PROJECTS

Modern Folio - Dynamic React Portfolio Platform | (React.js,Typescript,UI/UX,DevOps):
Implemented a responsive single-page application using React 18 with TypeScript, featuring dynamic component transitions and modern ES6+ practices for enhanced maintainability and type safety
Dining Scheduler - Smart Restaurant Management System | (Node.js,Express.js,React.js): As a part of MLH Hackathon at UNT we have made an application that engineered a full-stack dining scheduling system using modern web technologies and microservices architecture
Linear LTSF Model - AI Energy Consumption Predictor | Machine learning(python, PyTorch, nanogpt, Data Analysis,LSTM): Engineered an advanced machine learning model for energy consumption prediction and Achieved high accuracy in forecasting using NanoGPT and LSTM architectures

CERTIFICATIONS

- AWS Educate Introduction to Generative AI - AWS
- Python – Kaggle
- SQL - Codecademy