**Manikanta Sarma Ganti**

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**Professional Summary**:

* Experienced Full Stack Developer proficient in HTML5, CSS3, Bootstrap, ReactJS, NodeJS, Express, Django.
* Skilled in creating RESTful Web Services using NodeJS and Express, with expertise in Unit Testing using Jest and Test-Driven Development.
* Skilled in creating
* Familiar with bug tracking systems such as JIRA, with strong Git version control knowledge.
* Hands-on experience with ReactJS, Redux, React Router, and NPM for dependency management.
* Experienced in testing RESTful services with POSTMAN.

**Skills and Knowledge**:

* **Web Development Tools**: Django, ReactJS, NodeJS, HTML5, CSS3, Jest, Redux
* **Databases**: MySQL, Mongo DB, PostgreSQL, SQLite3
* **ORM**: Mongoose, Prisma, Django ORM
* **Tools**: Postman, Git
* **Languages:** Java, Python, Java Script

**Professional Experience**:

**Python Developer – International Software Systems Inc**. **May-2024- Present**

**Greenbelt, USA**

* Design and develop responsive modules using **Django templates**, **HTML5**, **CSS3**, and **JavaScript**.
* Create server-side functionality using Django to handle user authentication, project management, and report submissions.
* Implement database models and manage database migrations with **Django ORM** and **SQLite3**.
* Customize user authentication and authorization, leveraging Django's default authentication system to differentiate roles (project members, managers, executives).
* Utilize **Git** for version control throughout the full development cycle to maintain application codebase integrity.
* Design and implement user interfaces using Django templates, ensuring they are intuitive, responsive, and user-friendly.
* Conduct regular maintenance and updates based on user feedback and evolving requirements, ensuring the application remains functional and efficient.
* Work with Django's built-in tools to create and manage forms, handle URL routing, and render dynamic content.
* Use **Git** for version control and **JIRA** for bug and issue tracking throughout the development cycle.
* **Tools and Technologies**: Django, SQLite3, HTML5, CSS3, JavaScript, Git, JIRA

**Full Stack Developer – StrongBasics Jan 2024 – May-2024**

**Ohio, USA**

* Design and develop responsive modules using **HTML5**, **CSS3**, **Bootstrap**, **ReactJS**, **NodeJS**, **Express**, and **MongoDB**.
* Create **NodeJS** server-side for creating RESTful Web Services using **Express** and **Mongoose** to connect with MongoDB.
* Be well-versed in handling Unit Testing of UI using **Jest** along with Test-Driven Development (**TDD**) methodology.
* Use **Jenkins** for Continuous Integration and Deployment (CI/CD) and **JIRA** for bug and issue tracking.
* Use **Git** to maintain application version control for the full development cycle.
* Implement applications using **ReactJS**, **Redux**, **ExpressJS**, **NodeJS**, **HTML5**, **CSS3.**
* Implement **redux** along with react for state manipulations and dispatch actions in the project.
* Create middleware and implement react history to handle the different pages' routing of the application.
* Work with NPM commands and use package.json for managing dependencies and dev dependencies of the application.
* Implement HTTP REST API using NodeJS and extensively test RESTful services using **POSTMAN**.
* **GIT** is used as the code repository, JIRA as the bug tracking tool, and Jenkins for continuous build integration.

**Developer Intern – RemodelAI Sept 2023 – Dec 2023**

**Ohio, USA**

* eye-catching social media ad templates using **React.js** to improve design and interaction.
* Created Node.js code to seamlessly interact with GPT3.5 Turbo, DALLE3, and Shutterstock APIs, automating ad creation.
* Collaborated with teams to integrate solutions with Meta, enabling custom Language Models for managing social media campaigns.
* Utilized Koala.sh, an AI-powered tool, with **Node.js** to efficiently produce engaging blog content, showcasing proficiency in advanced AI tools and contributing to the company's content strategy.

**Full Stack Developer – ConnecTek Inc Aug 2021 - Jun 2022**

**Telangana, India**

* Utilize **Typescript** and **JavaScript** in **Reactjs** platform to build front end framework.
* Kept up to date on best practices for JavaScript frameworks and techniques.
* Revamped and optimized responsive web application design of UI, UX with HTML5, CSS3 and UI libraries including Bootstrap and Material UI.
* Designed multiple pages with different functions using **Reactjs** and used **React-Router** to navigate these pages.
* Used React Hooks to use state and lifecycle methods inside functional components to decrease complexity and improve maintainability and extensibility of system.
* Used Lifecycle Methods, State, Props, Forms and Events to implement interactive React Components.
* Used **Redux** with **Reactjs** in application to retrieve and store data from NoSQL **MongoDB** and to perform RESTFUL services.
* Implemented asynchronous actions **Thunk** as middleware in Redux and used **Axios** to send multiple HTTP requests.
* Hands on experience using **Nodejs** and **Expressjs** to build backend server connecting to MongoDB database.
* Designed backend server with RESTFUL API for frontend, implemented requests to fetch or manipulate data and user Authentication for login function.
* Hands on communicating with database engineers for data modeling, schema design and connecting to No SQL database, MongoDB.
* Followed **Scrum** and used **Jira** as bug tracking tool to identify and monitor progress.
* Used **Git** for source control and **NPM** for JavaScript package management.

**Intern – ConnecTek Inc. Feb 2021- July 2021**

**Telangana, India**

* Worked on building a Full Stack Cloud Printing Application using **MERN** Stack.
* Designed database model schema by understanding the project requirements.
* Used **NodeJS** and **No-SQL** to develop and manage databases.
* Implemented User Authentication with level 5 encryption.
* Created dynamic responsive web page for both Admin and User.

**Education**:

* **University of Alabama, Birmingham – USA Aug. 2022 – Dec. 2023**

MS, Computer Science & Engineering

GPA: 3.44 on scale of 4

* **Andhra University – Andhra Pradesh, India Aug. 2018 – May. 2022**

Btech, Electronics and Communication Engineering

GPA: 8.34 on scale of 10