Sanjay Uppala

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EDUCATION

Depaul University 🔗   Chicago, US
Master's in Data Science   August 2023- May 2025

Sree Vidyanikethan Engineering College   Tirupati, India
Bachelor of Technology in Computer Science and Systems Engineering   June 2018- May 2022

TECHNICAL SKILLS

Programming & Databases: Java, Python, C,MySQL, SQL, Oracle.R.
Web Technologies: Type Script, Angular, Java Script, AngularJS,VueJS, Spring Boot, Spring, HTML, CSS.
Other Skills: Full-Stack Development, Data Analysis, Machine Learning, Artificial Intelligence,PowerBi.
Software & Tools: Postman, GitLab, GitHub, Azure DevOps, GitHub Actions, CI/CD Pipelines, VS Code.
Cloud Computing: Microsoft Azure (Azure Functions, Blob Storage, Virtual Machines)
Certification: IBM Data Science Professional Certificate – Coursera, Java Spring Framework 6 with spring Boot 3 – Udemy, Angular Beginner to Expert – Coursera.

PROFESSIONAL EXPERIENCE

Innova Solution, *Associate Software Engineer* 🔗   Jul 2021 – Aug 2023 | Hyderabad, India
- Developed dynamic and reusable AngularJS components, reducing development time for future modules by 25%.
- Designed and implemented backend API calls using Spring Boot, ensuring seamless integration and efficient data flow between systems.
- Optimized SQL queries for data retrieval, improving query performance by 20% and reducing database response times.
- Implemented lazy loading and modularized front-end assets, reducing website load times by 30% and enhancing user experience.
- Leaded junior trainees for a capstone project, conducting code reviews and mentoring on best practices in AngularJS and Spring Boot.
- Collaborated cross-functionally with designers, product owners, and backend teams to align project goals and deliverables.

MyHealth1st,Front-End Developer   May 2022- Aug 2023
- Built an easy-to-use health platform where users could book appointments online through multiple channels (in-person, phone, or video).
- Used AngularJS, HTML, CSS, and JavaScript to create responsive and attractive designs.
- Worked with backend teams using Spring Boot APIs to integrate data seamlessly.
- Improved website speed by 20%, resulting in a 15% increase in user satisfaction.
- Worked in an Agile environment, participating in daily stand-ups, sprint planning, and retrospectives to deliver project milestones on time.
- Integrated Azure DevOps pipelines for continuous integration and deployment (CI/CD).

Account Planning,Full Stack Developer   Jan 2022 – May 2022
- Developed a full-stack application for managing client data, enabling businesses to identify new opportunities.
- Built intuitive front-end interfaces using AngularJS, HTML, CSS, and JavaScript for a seamless user experience.
- Designed and implemented REST APIs and data connections using Java, Spring Boot, and MySQL, ensuring efficient backend operations.
- Integrated MVC architecture, facilitating smooth interaction between front-end and back-end components.
- Added interactive charts and tables for data visualization, improving decision-making efficiency by 25%.
- Managed project timelines and coordinated with stakeholders to deliver the MVP within deadlines.
- Used Jira and Confluence for project tracking, sprint planning, and documentation.
- Organized weekly stand-up meetings, aligning development goals with business objectives.

ACADEMIC PROJECTS

Customer Churn Prediction
- Built a machine learning model to predict customer churn, improving retention strategies by identifying at-risk customers.
- Preprocessed and cleaned Kaggle datasets, and implemented algorithms like Logistic Regression and Gradient Boosting with high recall metrics.
- Evaluated model performance using accuracy, precision, and recall to optimize predictions.

Employee Performance Analysis
- Analyzed employee performance data to identify factors influencing performance and predict trends for HR decision-making.
- Built a regression model with **88.6% accuracy**, leveraging data cleaning, encoding, and cross-validation techniques.
- Delivered actionable insights, highlighting the impact of training programs and awards on employee performance.