

SANJANA GADAGOJU

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Education

University at Buffalo, The State University of New York

Buffalo, NY

Master of Science in Computer Science; Jan 2024

Sreenidhi Institute of Science & Technology

Hyderabad, India

Bachelor of Technology in Information Technology; July 2021

Work Experience

Accenture

Hyderabad, India

Application Development Associate

Aug 2021 - Aug 2022

- Improved operations and HR Interactions by designing a CRM dashboard using React.
- Enriched the firm's website by introducing 'Zoom-on-Hover' and 'Scroll-to-Top' features for product and design pages, improving user navigation, thereby reducing the number of clicks to complete the task by 20%.
- Actively participated in the entire product life cycle, including Design, Development, Release, and Bug Fixing.
- Improved reliability and performance by resolving important bugs of software used by the ops team to manage orders and client-side group order feature (used by campus managers to order) that enhanced User Experience by 40%.

FreshPrints

NY, USA

Front End Web Developer

Dec 2020 - Apr 2021

- Developed a scalable OMS for Fresh Prints using Angular and Node.js.
- Increased sales by 23% and CPM by 20% by revamping user funnels based on user behavior and analytics from Mix panel and Google Analytics.

KIOT

Hyderabad, India

Front End Web Developer

June 2019 - Jan 2020

- Designed a responsive user interface using Angular and Node JS that works across multiple devices like desktops, tabs, and over 20+ mobile phones.
- Implemented UI/UX design wireframes into code for visual elements of Web Applications, successfully reusing them in over 5 different projects. Excelled in creating high-quality, reusable markup with Angular and TypeScript.

Projects

Sequence-to-Sequence Language Translation on WMT 2023 Dataset

Dec 2023

- Implemented data preprocessing on WMT 2023 data using T5 and SentencePiece, demonstrating proficiency in handling large-scale language data.
- Developed and optimized transformer-based NMT models, achieving performance improvements with TensorFlow and PyTorch. Achieved significant performance gains through iterative model optimization and hyperparameter tuning.
- Deployed a Django-based translation web service with GPU-powered training and performance tracking via Weights & Biases.

Telecom Customer Churn Dataproduct

Apr 2023

- Analyzed large datasets to identify customer churn factors, developed an 85% accurate predictive model using algorithms like Random Forest, SVM, and decision trees, and designed a full-stack Telecom Customer Churn analysis product integrated into a responsive website, supporting insightful analysis and interactive data visualization for up to 100,000 customer records.

Automatic Resume Builder using React

Dec 2023

- Developed the "Automatic Resume Builder" project using React, crafting a user-friendly interface for seamless resume creation. This solution enabled effortless input of user details to generate a professional resume.
- Implemented advanced features in the Resume Builder, such as customizable templates and automatic layout adjustments.

Skills

Languages: Python, R, Java, JavaScript, TypeScript, Scala, XML, XHTML, CSS, SQL, Solidity, C++.

Tools: PySpark, AWS, BigData, Tableau, Pytorch, Tensorflow, Pandas, Numpy, NLTK, OpenCV, REST, Angular, React, Node.js, D3.js, Hadoop, Flutter, Figma.

Core Competencies: Debugging, SDLC, Agile Working, Object Oriented Design, Quality Assurance, Full Stack.