KN Pragathy Reddy

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EDUCATION

PES University Dec 2020 - May 2024
Bachelor of Technology in Computer Science *CGPA: 8.02*

SKILLS

Tools and Technologies: C++, Java, Python, HTML, CSS, JavaScript, MERN, TypeScript, NextJS, TailwindCSS, SQL, Git, Express.js, PostgreSQL, Prisma, Git, GitHub, JWT, Auth0, VS Code.
Coursework: Data Analytics, Machine Learning, Natural Language Processing, Data Structures and Algorithms, Deep Learning, Web Development.

EXPERIENCE

Subex | *Java Developer* Jan. 2024 – Present

- Develop and execute java code to resolve various tickets addressing issues related to Subex's product ROCPS. Includes working with tools such as Jenkins, DBeaver, Putty, Eclipse, GitLab, Git and SVN

PROJECTS

Hate Comments Classification | *Github*
- Classified hate comments using decision tree model and SGD Regressor, comparing performance across Bag of Words (BoW), TF-IDF, and LSTM to identify the most effective text representation technique

Text Summarization in Telugu | *Github*
- A Transformer-based approach to construct automatic summaries for Telugu news articles by generating a headline that best represents the content of the article, and evaluated the effectiveness using the BLEU score metric.

Yet Another Kafka | *Github*
- Implemented the most important and basic functionality of Apache Kafka which includes a producer, consumer, brokers and a mini - zookeeper using python socket programming.

TastyTwist.com | *Live Website*
- Developed a dynamic food ordering app with key functionalities such as user authentication, registration, sorting, filtering, pagination, restaurant management, cart management, stripe checkout and live order status tracking.
- Tools and tech stack used: MongoDB, React, Node.js, Express, TypeScript, Shadcn, Tailwind CSS, Cloudinary, Stripe and GitHub.

Messenger Clone App | *Live Website*
- Developed responsive real-time messaging app with notifications, user authentication via NextAuth with Google and GitHub integration, online/offline user status, group chats, and message attachments.
- Tools and tech stack used: Next.js, MERN, Tailwind CSS, Pusher, and Prisma.

PUBLICATIONS

A Comparative Exploration of Machine Learning and Graph Deep Learning Models for Discriminatory Speech Detection | *IEEE 2024*

VOLUNTEER AND ACCOMPLISHMENTS

DebSoc Club | *Social Media Manager* Feb 2023 - June 2023
Core Team of Marketing and Social Media Management

DAC Schlorship *sem 3, 5, 6*