

# GUDA PRANAY NETHA

3100 Yorba Linda Blvd, Fullerton, CA

209-707-8888 | [gudapranaynetha@gmail.com](mailto:gudapranaynetha@gmail.com)

<https://github.com/Pranay-ai> | <https://www.linkedin.com/in/pranay-netha-g-165b591a2/>

## EDUCATION

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### California State University, Fullerton, Fullerton, California

Master of Science, Computer Science | GPA: 3.92/4.0

May 2024

### Sreenidhi Institute of Science and Technology, Hyderabad, India

Bachelor of Engineering in Electronics | GPA: 8.12/10

June 2022

## TECHNICAL SKILLS

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- Languages: Java, Python, C, C++, JavaScript, HTML and CSS, SQL
- Frameworks: React, TensorFlow
- Databases: RDMS(SQL) , NO-SQL( Spark )
- Version Control: Git (GitHub)
- Technologies: Web Development, Artificial Intelligence, Cloud Computing
- Misc.: Data Structures and Algorithms, AWS

## PROJECTS

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### SENTIMENT ANALYSIS WEB APP USING AWS SAGEMAKER

August 2023 - December 2023

- Constructed a sentiment analysis web application with HTML, CSS, Python, and AWS SageMaker, enabling users to analyze text sentiment
- Executed a ML model integrated with AWS API Gateway to design a RESTful API, achieving seamless sentiment analysis

### Smart Voting Using Block Chain

September 2022 - December 2022

- Executed a secure blockchain-based voting system utilizing Solidity Programming Language and WEB 3 JS, ensuring tamper-proof and transparent elections
- Deployed the application on Ethereum Faucet, providing users with a trustworthy platform for voting

### Blog Summarization Using NLP

February 2022 - June 2022

- Developed a Python application leveraging Flask extracts and summarizes content from website URLs, enhancing content accessibility
- Utilized the pre-trained PEGASUS model, implemented with TensorFlow and Keras, for abstractive text summarization, resulting in high-quality blog summaries

### Colorization of Black and White Images

September 2021 - December 2021

- Built an application using Flask, takes in a Mono Chromatic Image as Input and Produces a Colored Image as an Output the Technology used for implementation is Deep Learning and GANS

## EXPERIENCE

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### California State University, Fullerton

Fullerton, CA

Teaching Associate (Department of Computer Science)

January-2024

- Emphasized hands-on learning by incorporating code walkthroughs, debugging exercises, and collaborative coding projects, leading to a demonstrated increase in student proficiency in C++ implementation of data structures.
- Presented innovative teaching methods at departmental and regional conferences, contributing to the advancement of effective data structures education using C++.

### California State University, Fullerton

Fullerton, CA

Lab Assistant (Department of Computer Science)

August 2023 - January 2024

- Conducted and led various lab sessions for C++ programming, providing hands-on guidance to students in understanding and solving complex coding challenges
- Designed and created assignments and C++ programming projects tailored to boost students' problem-solving skills and reinforce key concepts in computer science

### Tata Consultancy Services TCS

Hyderabad, India

Intern

March 2022 - May 2022

- Developed a Python script to efficiently parse diagnostic information and diagnostic trouble codes from extensive automobile logs, enhancing data analysis capabilities for the team

- Designed and implemented a robust parsing architecture to extract crucial information from CSV files, improving data processing efficiency by 30%

## CERTIFICATIONS

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- Deep Learning Specialization-Coursera
- Python 3 Program Specialization-Coursera
- DeepLearning.AI TensorFlow Developer Specialization-Coursera