

# Anoop Reddy Kunta

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## EDUCATION

### California State University – Dominguez Hills

Master's in Computer Science

Aug 2023 – Present

CGPA – 3.87

- **Relevant Courses:** Design and Analysis of Algorithms, Fundamentals and Concepts of Programming Languages, Object-Oriented Analysis and Design Methodology, Adv. Big Data and Cloud Computing, Human Computer Interaction, Software Project Planning

## TECHNICAL SKILLS

**Programming Languages:** Python, Java, C/C++, JavaScript, PHP, Typescript, Shell scripting, PL/SQL.

**Databases:** MySQL, PostgreSQL, Amazon Dynamo DB, Firebase, Microsoft SQL.

**Framework/Libraries:** Flask, React, NodeJS, NextJS, RestAPI, TensorFlow, Sci-kit learn, SpringBoot.

**Tools and Technologies:** AWS, Azure, Perforce, Docker, CloudBee, Jenkins, Anaconda, Bigdata Spark, WordPress, Google collab.

## WORK EXPERIENCE

### California State University | Dominguez Hills

Web Developer

Apr 2024 – Present

- Migrated data storage to AWS S3 and automated backups, reducing data loss risk by 95% and boosting backup efficiency by 50%.
- Developed PHP webpages for student employees, improving internal workflows and increasing operational efficiency by 40%.
- Created ADA-compliant event webpages, significantly boosting engagement by 60% and reducing page load time by 30%.
- Developed Python scripts to automate regular testing processes, increasing efficiency and ensuring consistent website functionality and accessibility.

### Snap Inc. (Facilitated by Extern) | Remote

Augmented Reality Development and Digital Storytelling Externship

Sep 2023 – Present

- Developing Halloween and football-themed AR experiences using Snap's Lens Studio and JavaScript, focusing on interactive, immersive elements to boost user engagement.
- Collaborated with industry experts to design and implement cutting-edge AR applications, gaining hands-on experience in AR development and immersive storytelling.

### Broadridge Financial Solution | Hyderabad

Member of Technical Staff

Apr 2022 – July 2023

- Led migration from legacy EJB to Spring Boot and ReactJS in a FinTech environment, enhancing user experience by 40% while optimizing database operations with PL/SQL procedures that increased query speed by 30% and ensured robust data integrity.
- Modified and created batch jobs, using efficient shell scripts to ensure seamless integration with existing processes, improving the overall performance and reliability of backend systems.

### Broadridge Financial Solution | Hyderabad

Software Engineer Internship

Oct 2021 – April 2022

- Enhanced Java code by rewriting and implementing reusable, object-oriented structures, which improved scalability, performance, and reduced vulnerabilities by 25% through CVM mitigations and strategic upgrades, enhancing functionality by 35%.
- Boosted .dat file processing efficiency in SQL Loader systems by proposing and implementing a multithreading architecture for periodic Java jobs, significantly improving processing speed and system reliability.

## PROJECTS

### Towy - Website [AWS, ReactJs, Spring boot, PostgreSQL]

Jul 2024 – Present

- Developing TOWY, a platform for gas delivery, towing services, and mechanic bookings.
- Using React.js for the frontend and Spring Boot for a scalable, reliable backend to ensure seamless service delivery.

### VR Website [Algorand Blockchain Transaction Explorer, React, Flask]

Feb 2024 – May 2024

- Created a VR-based blockchain explorer that visualizes real-time Algorand transactions in a virtual environment.
- Used A-Frame, React, and Python to integrate frontend and backend, leveraging DappFlow API for dynamic data management and immersive 3D interaction.

### Meta Analysis [ChatGPT API, Flask, Angular]

Aug 2024 – Oct 2024

- Worked collaboratively with a group of researchers and developers to automate the extraction and analysis of academic research data for meta-analysis studies.
- Developed a Python-based API to extract data and crafted specialized prompts for the ChatGPT API to facilitate automated insights generation.

### FileCloud [ReactJs, SpringBoot, JWT token, PostgreSQL]

May 2024 – Jun 2024

- FileCloud, a cloud-based clone of Dropbox, enables users to securely upload, store, and retrieve files with personalized access.
- Built using Spring Boot, ReactJS, and PostgreSQL with JWT-based authentication for secure login and file access.

## ACTIVITIES & ACHIEVEMENTS

- **Member of the IEEE Club | CSUDH**

- **ACE Award - Broadridge Financial Solutions**

Received for successfully leading the implementation of SER#168740, a critical project impacting global revenue during the Proxy season.