

# Anoop Reddy Kunta

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## EDUCATION

### California State University – Dominguez Hills

Aug 2023 – May 2025

Master's in Computer Science

CGPA – 3.9

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

## 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.
- Developed eCommerce functionality and responsive webpages using **HTML, CSS, JavaScript, and PHP** for **backend**, automating 90% of workflows and enhancing user experience.
- Designed and implemented **Python-based** automation scripts to streamline testing processes, improve code quality, and ensure consistent functionality across deployments, contributing to robust and reliable software development practices.

### Snap Inc. (Facilitated by Extern)

AR VR Developer Extern

Sep 2024 – Nov 2024

- 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. Ranked in the top 5 for best AR lens and pitched to the Snap team and developers.

### Broadridge Financial Solution | Hyderabad

Member of Technical Staff

Apr 2022 – Jul 2023

- Migrated **legacy codebase** to **Spring Boot** and **ReactJS**, enhancing system **scalability** and reducing **operational costs** by 40%.
- Optimized **PL/SQL procedures**, increasing transaction processing speed by 30% while ensuring secure and efficient data handling.
- Enhanced **system security** by implementing **CVM** mitigation and encryption mechanisms, safeguarding sensitive user data and meeting compliance standards.
- Monitored **production environments** using **Splunk**, identifying and resolving critical performance issues to maintain system stability and minimize downtime.
- Implemented **CI/CD pipelines** with Jenkins streamlining build, testing, and deployment processes for mission-critical applications.
- Designed and maintained **ETL batch jobs** to streamline data transformation and integration workflows, ensuring seamless data processing and improving efficiency.
- Automated **ETL processes** using shell scripting, enhancing data accuracy, and reducing manual intervention in financial data operations.

### Broadridge Financial Solution | Hyderabad

Software Engineer Intern

Oct 2021 – Apr 2022

- Refactored **Java** systems using **object-oriented principles**, reducing vulnerabilities by 25% and enhancing scalability by 35%.
- Proposed and implemented a multithreading architecture for **SQL Loader** jobs, boosting data file processing speed by 50%.
- Developed **unit test** frameworks using **JUnit**, increasing test coverage, and ensuring code reliability during deployments.
- **Collaborated** with senior engineers on end-to-end application enhancements, gaining hands-on experience in API integration, database management, and performance tuning.

## PROJECTS [More projects and description on medium profile]

### Towy.io Road Assistance [Link]

Oct 2024 – Dec 2024

- Built a roadside assistance platform using **Node.js** and **Express.js** to allow users to raise service requests seamlessly, enhancing response efficiency by 30%.
- Implemented **JWT-based** authentication for secure user login, improving system reliability and protecting user data.
- Deployed the application on **Vercel** with PostgreSQL as the database, ensuring scalability for real-time operations.

### Mock Finance Dashboard [Financial Data Aggregation and Visualization]

Nov 2024 – Dec 2024

- Engineered a **financial data aggregation platform** using Angular and Python, increasing analysis efficiency by 45%.
- Integrated secure **RESTful APIs** to fetch real-time financial metrics, ensuring reliability and user engagement.
- Designed and implemented **interactive visualizations** using Chart.js to display performance trends and transactional insights.
- Integrated secure Plaid API for efficient data retrieval, reducing transaction processing time by 70% and enhancing system reliability.

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

Aug 2024 – Oct 2024

- Collaborated with **product owners and researchers** to **design** and **develop** a cutting-edge platform that automates research workflows and enables efficient data-driven analysis.
- Utilized **Microsoft Azure** for **backend services**, ensuring **scalable** and reliable **deployment** of **Flask-based APIs** and backend systems.

- Developed an interactive frontend using Angular and React, providing an intuitive user experience for researchers and stakeholders.
- Integrated **ChatGPT API** into the backend, enabling automated query generation and AI-driven responses tailored to research needs.
- Conducted end-to-end deployment and testing on Azure, ensuring high availability, security, and compliance with research standards.

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

**May 2024 – Jun 2024**

- Developed **RESTful APIs** with **Spring Boot** to support secure file uploads, downloads, and management, ensuring user-friendly operations and data integrity.
- Implemented **JWT-based authentication** for enhanced security, protecting user data and ensuring compliance with industry standards.
- Deployed the system on **AWS**, utilizing **S3** for file storage and **EC2** for scalable hosting, ensuring reliability and performance under high user loads.

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**TECHNICAL SKILLS**

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

**Databases Technologies :** MySQL, Firebase, Microsoft SQL, PostgreSQL, MongoDB, Cassandra.

**Framework/Libraries:** Flask, React, Redux, NodeJS, NextJS, RestAPI, Spring Boot.

**Tools and Technologies:** AWS, Azure, Perforce, Docker, Kubernetes, Apache Kafka, RabbitMQ, Splunk, Jenkins.

**ACTIVITIES & ACHIEVEMENTS**

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- **ACE Award - Broadridge Financial Solutions** - Awarded for my contribution to a critical project during the Proxy season.
  - **Code path Intermediate Technical Interview** – Honored for advanced problem-solving and consistent high performance.
  - **IEEE club member - CSUDH**