

# Abhiram Rishi Prattipati

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## EDUCATION

### San Francisco State University

BS in Computer Science – GPA: 3.07

### De Anza College

AS in Computer Science, AA in Liberal Arts

San Francisco, CA

Graduation Date: December 2022

Cupertino, CA

Graduation Date: August 2020

## SKILLS and CERTIFICATIONS

Oracle Cloud Infrastructure 2024 Generative AI Certified Professional – Oracle

July 2024

AWS Certified Developer – Associate DVA-C02 – Amazon Web Services

May 2024

**Programming Languages:** Java, Python, JavaScript, C/C++, TypeScript

**Frameworks and Libraries:** Spring Boot, Next.js, Django, Flask, React, Angular, Node.js, Tailwind CSS

**Databases:** MongoDB, PostgreSQL, SQLite, NoSQL, SQL

**Tools:** AWS, Linux, Ubuntu, Git, Postman, Vercel, Docker, Jira

## WORK EXPERIENCE

### TradeSun

Remote

Software Engineering Intern

June 2024 – Present

- Implemented Amazon Cognito hosted UI into a Flask dashboard to streamline user authentication and authorization
- Integrated a JSON Rules Engine into an Angular application, enabling dynamic rule-based decision-making workflow
- Worked collaboratively within a startup culture, gaining valuable experience in trade finance and financial technology

### Cogent IBS

Remote

Full Stack Developer Intern

June 2024 – Present

- Implemented over 15 REST API routes to handle customer orders using Stripe, resulting in a 22% increase in sales
- Optimized a successful cart-to-purchase workflow, resulting in a decrease of cart abandonment by 18%
- Designed a responsive UI using React State Management, ensuring a seamless user experience across devices

### iD Tech Camps

Remote

Programming Instructor

October 2020 – August 2022

- Conducted interactive online sessions via Zoom, instructing courses in C++, Java, Python, and HTML to students
- Offered video conference support to students encountering difficulties during sessions, resolving issues and errors promptly and effectively, resulting in a 30% reduction in session disruptions.
- Demonstrated coding techniques and best practices, helping students develop better coding practices and solve errors

## LEADERSHIP & VOLUNTEER EXPERIENCE

Microsoft TEALS Program, Teacher Assistant

August 2024 – Present

- Taught AP Computer Science and Java to high school students, fostering their interest in technology and coding

SiliconAndhra Manabadi, Backend Developer & Teacher Assistant

August 2023 – Present

- Contributed to the development of a Telugu language LLM by working on the infrastructure using Django, React.js, Google Cloud Platform, and PostgreSQL

## PROJECTS

### Nutrition and Grocery Management System

Next.js, Express, PostgreSQL, Vercel, Docker

- Full-stack web application deployed on Vercel where users can find healthy recipes based on the available ingredients
- Implemented responsive UI components with Next.js, enabling server-side rendering and static site generation

### Movie Library Website

Spring Boot, Java, MySQL, Gradle

- Full-stack web application allows users to checkout movies and other digital content of IMDb movie database
- Implemented user authentication and authorization features using Spring Security to ensure secure access

### Personal Finance Tracker

Django, Python, Vercel, PostgreSQL, Chart.js

- Designed and implemented back-end functionalities such as authentication, data storage, and transaction management
- Integrated front-end components of Chart.js for data visualization and user interaction, enhancing the user experience

### Java Bytecode Interpreter

Java, JVM

- Developed an interpreter to execute Java Bytecode, simulating the Java Virtual Machine (JVM) for mock language X
- Implemented core features such as bytecode parsing, stack management, and instruction execution