# Abhiram Rishi Prattipati

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## EDUCATION

**San Francisco State University** — **San Francisco, CA**
*BS in Computer Science – GPA: 3.07* — *Graduation Date: December 2022*

**De Anza College** — **Cupertino, CA**
*AS in Computer Science, AA in Liberal Arts* — *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:** Python, JavaScript, Java, C/C++, TypeScript, HTML
**Frameworks and Libraries:** Next.js, Spring Boot, Django, Flask, React, Angular, Node.js, Tailwind CSS
**Databases:** MongoDB, PostgreSQL, SQLite, NoSQL, SQL
**Tools:** AWS, Linux, Ubuntu, Git, Postman, Vercel, Jira

## WORK EXPERIENCE

**Cogent IBS** — **Remote**
*Full Stack Developer Intern* — *June 2024 – Present*
- Implemented over ten REST API routes to handle customer orders using Stripe, resulting in a 10% 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

**TradeSun** — **Remote**
*Software Engineering Intern* — *June 2024 – Present*
- Implemented Amazon Cognito hosted UI into a Flask dashboard to streamline user authentication and authorization
- Worked collaboratively within a startup culture, gaining valuable experience in trade finance and financial technology
- Participated in code reviews and debugging sessions, contributing to the overall improvement of application stability

**iD Tech Camps** — **Remote**
*Programming Instructor* — *October 2020 – August 2022*
- Conducted interactive online sessions via Zoom, delivering courses in C++, Java, Python, and HTML to children
- 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

**San Francisco State University** — **San Francisco, CA**
*Instructional Student Assistant* — *January 2022 – May 2022*
- Facilitated instruction and provided guidance to a diverse group of students in an advanced data structures and algorithms course, emphasizing C++ implementation techniques.
- Evaluated student performance and provided constructive feedback, contributing to a 93% course completion rate
- Utilized online platforms or collaborative tools to facilitate efficient grading and communication with students

## 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

**Food Expiration Tracker** — *Kotlin, Gradle, Firebase, Cloud Firestore, NoSQL*
- Android mobile application where users can track expiration dates and shelf life of foods in their kitchen
- Users are notified on expired foods and their data is stored in cloud database from Google FireBase

**Personal Finance Tracker** — *Django, Python, Vercel SQLite, 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
- Utilized Django ORM to create and manage database models for financial transactions, budget categories, and users