

# 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

<b>DeepLearning.AI Data Engineering Professional Certificate – AWS</b>	<b>January 2025</b>
<b>Oracle Cloud Infrastructure 2024 Generative AI Certified Professional – Oracle</b>	<b>July 2024</b>
<b>AWS Certified Developer – Associate DVA-C02 – Amazon Web Services</b>	<b>May 2024</b>

<b>Programming Languages:</b>	Java, JavaScript, Python, Java, C/C++, TypeScript
<b>Frameworks and Libraries:</b>	Spring Boot, Django, Flask, Next.js, React, Node.js, Tailwind CSS
<b>Databases:</b>	PostgreSQL, MongoDB, PostgreSQL, SQLite, SQL
<b>Tools:</b>	AWS, Linux, Docker, Apache Airflow, Ubuntu, Git, Postman, Vercel, Jira

## WORK EXPERIENCE

<b>TradeSun</b>	<b>Remote</b>
<i>Software Engineering Intern</i>	<i>September 2024 - December 2024</i>
<ul style="list-style-type: none"><li>Developed custom AI models using Oracle OCI Document Understanding to extract data from scanned documents</li><li>Implemented Amazon Cognito hosted UI into a Flask dashboard to streamline user authentication and authorization</li><li>Integrated a JSON Rules Engine into an Angular application, enabling dynamic rule-based decision-making workflow</li></ul>	
<b>Cogent IBS</b>	<b>Remote</b>
<i>Full Stack Developer Intern</i>	<i>June 2024 – August 2024</i>
<ul style="list-style-type: none"><li>Implemented over 15 REST API routes to handle customer orders using Stripe, resulting in a 22% increase in sales</li><li>Optimized a successful cart-to-purchase workflow, resulting in a decrease of cart abandonment by 18%</li><li>Designed a responsive UI using React State Management, ensuring a seamless user experience across devices</li></ul>	
<b>iD Tech Camps</b>	<b>Remote</b>
<i>Programming Instructor</i>	<i>October 2020 – August 2022</i>
<ul style="list-style-type: none"><li>Conducted interactive online sessions via Zoom, instructing courses in C++, Java, Python, and HTML to students</li><li>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.</li><li>Demonstrated coding techniques and best practices, helping students develop better coding practices and solve errors</li></ul>	

## LEADERSHIP & VOLUNTEER EXPERIENCE

<b>Microsoft TEALS Program, Teacher Assistant</b>	<b>August 2024 – Present</b>
<ul style="list-style-type: none"><li>Taught AP Computer Science and Java to high school students, fostering their interest in technology and programming</li></ul>	
<b>SiliconAndhra Manabadi, Backend Developer &amp; Teacher Assistant</b>	<b>August 2023 – Present</b>
<ul style="list-style-type: none"><li>Contributed to the development of a Telugu language LLM by working on infrastructure using Django and Supabase</li><li>Served as a teaching assistant at the Telugu school, supporting teachers and students in learning and office activities</li></ul>	

## PROJECTS

<b>Food Waste Reduction Platform</b>	<i>Spring Boot, React, Vaadin (Hilla), PostgreSQL, Docker</i>
<ul style="list-style-type: none"><li>Developed a full-stack web application to help restaurants and nonprofits sell leftover food, reducing food waste.</li><li>Integrated Vaadin Hilla for real-time communication between frontend and backend, enabling live updates of data</li><li>Containerized the entire application with Docker to ensure smooth deployment and portability across environments</li></ul>	
<b>Personal Finance Tracker</b>	<i>Django, React, Tailwind CSS, PostgreSQL, Chart.js, Docker</i>
<ul style="list-style-type: none"><li>Leveraged Django RESTful APIs to handle user authentication, data storage, and expense tracking functionalities</li><li>Designed a responsive frontend with React and Tailwind CSS, integrating Chart.js for dynadata visualization</li><li>Configured PostgreSQL for efficient data management and optimized ORM queries for enhanced performance</li></ul>	
<b>SQLite Clone Development</b>	<i>C, SQLite, Linux, CUnit, Bash</i>
<ul style="list-style-type: none"><li>Developed a lightweight SQLite clone to manage relational data efficiently, building core database functionalities</li><li>Automated build and testing workflows using Make and Bash for streamlined development within a Virtual Machine</li></ul>	