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: JavaScript, TypeScript, Java, Python, C/C++
Frameworks and Libraries: Next.js, Django, Node.js, Flask, React, Angular, Spring Boot, 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 – October 2024*
- 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