

Naisarg Halvadiya

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EDUCATION

San Francisco State University | M.S. in Data Science and AI | 3.9 GPA

Expected Graduation: Dec 2024

SKILLS

Languages: *Proficient* JavaScript(4yrs) · SQL(3yrs) · Python(3yrs) · R(3yrs) *Intermediate* PHP(1yrs) · Java(1yrs) · TypeScript(1yrs)

Software: React · Angular · Node · AWS · Docker · RMarkdown · JupyterNotebook · MongoDB · Bootstrap · Git · Postman · NPM

EXPERIENCE

Software Engineering Tutor (Full-Stack)

Sep 2023 - Present

CSC 317- Introduction to Web Development, SFSU

San Francisco, CA

- Leading lectures and office hours in HTML, CSS, JavaScript, React, Node.js, and API development for 135+ students, boosting engagement by 40%
- Providing one-on-one support and feedback to 100+ students on assignments and 10+ group projects
- Automating 35% of grading with a custom shell script, saving 5 hours per week and increasing accuracy

Web Development Bootcamp Fellow (Full-Stack)

Jan 2024 - May 2024

CODEPATH

San Francisco, CA

- Selected for a full-stack JavaScript program as one of 250 fellows out of 2500+ applicants.
- Developed a discussion forum using Vite (ReactJS), NodeJS, MySQL enhancing user engagement by 25% through improved UI/UX
- Leveraged knowledge: Git workflows, Testing, CI/CD, agile development, REST APIs

Software Engineer (Full-Stack)

Oct 2019 - July 2023

MU SIGMA INC.

Bengaluru, India

- Built and deployed a robust CMS platform, the company's USP, promoting the Art of Problem Solving using React.js, Node.js, PostgreSQL, Redis for caching, and Alfresco CMS for data management, generating over \$500K in revenue
- Designed and optimized an efficient Real-Time Data Streaming application with distributed processing using Scala-based agent simulation, Node.js for data processing, and React.js for the UI, reducing simulation times by 50%
- Led a team of 7 to develop a work tracking and evaluation application with Angular and PostgreSQL, writing APIs to automate the review process for 30+ teams, reducing review time by 50% and integrating performance metrics

PERSONAL PROJECTS

EduBridge (~65 hours)

Feb 2024 - May 2024

- Used React.js and Node.js to create a learning management system, reducing load times by 20% and enhancing accessibility for 500+ students; deployed on AWS with SSL and Nginx, improving security and efficiency by 30%

FlareGraph (~35 hours)

Oct 2022 - Dec 2022

- Used Plotly and Python Dash to develop a web app for visualizing 10,000+ fire incidents, reducing rendering times by 25%; processed 5 years of data, improving decision-making with intuitive filtering

KnowledgeGrid (~70 hours)

Feb 2019 - May 2019

- Used PHP and MongoDB to build a knowledge-sharing platform, enhancing performance and user experience; implemented Python algorithms for keyword extraction, improving search capabilities by 30%

AllocMate (~70 hours)

Feb 2018 - May 2018

- Used JSP, Servlets, JavaScript, and DBMS to automate major/minor projects at university, reducing allocation and evaluation time by 70%; streamlined the process for students and instructors, enhancing efficiency and accuracy

Professional Recognitions

- Awarded 3 SPOT and 2 IMPACT awards at Mu Sigma for exceptional leadership, innovation, and proactive problem-solving
- Recognized for enhancing communication efficiency, driving team success, and demonstrating exceptional commitment and craftsmanship