Akash Goyal

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EDUCATION

San Francisco State University   **San Francisco, CA**
Bachelor of Science, Major- Computer Science   Graduation: May 2026
Coursework: Data Structures and Algorithm, Cloud Computing, Software Engineering (CTW), Web Development

SKILLS AND CERTIFICATIONS

Skills: HTML, CSS, JavaScript, React, Node.JS, MongoDB, SQL, Java, Python, Microsoft Excel, Django, C
Certifications: Code Path Certificate DSA(Java) | Introduction to Web Development(IIT Madras-India)
Tools &Software: Visual Studio Code, IntelliJ Idea, GitHub, Git, Oracle, Linux, MongoDB, MS Office Suite, Heroku

WORK EXPERIENCES

TechSoup   **Remote**
Software Development Intern   May 2024- Present
- Developed and implemented Python-based solutions for handling Inter Works (IW) API queries to fetch, process, and integrate large datasets.
- Utilized Pandas for data normalization and merging, ensuring compatibility with existing production datasets.
- Automated data extraction and report generation, streamlining workflows and improving efficiency.
- Conducted thorough unit tests to maintain high code quality and adhered to industry best practices in software development.
- Collaborated closely with team members to understand domain-specific data needs and provided comprehensive documentation for the developed solution

San Francisco State University   **San Francisco, CA**
Computer Science Tutor   August 2023 – April 2024
- Assisted 30+ students, addressing programming queries and creating a collaborative learning for academic success
- Provided support on important technology advancements to help students prepare for software engineering examinations
- Refined complex concepts, fostering an environment to academic excellence, with a focus on software engineering principles

PROJECTS

NFT Marketplace – Full Stack Developer | Personal Project

- Developed a marketplace web app for minting, showcasing, and trading NFTs with an interactive UI using ReactJS.
- Created reusable components and integrated custom CSS for a cohesive and responsive user interface.
- Implemented backend microservices architecture using Node.js and MongoDB for scalable data management and processing, ensuring high performance and reliability for the NFT marketplace application.
- Integrated WebSocket communication for real-time updates and notifications, enhancing user engagement and responsiveness in the NFT marketplace.

LifeNet Kiosk (State Farm challenge)

- Collaborated with a team of 4 members and created a kiosk to help homeless people find food and shelter when needed • Implemented a GPT-3 powered by AI to offer virtual community assistance and mental health services at the Kiosk
- Created a lifesaving website with a user login in 48 hours for event hosting, contributions, and management.

SF Tourism

- Created a Tourism in SF web app with HTML, CSS, JavaScript and ReactJS, offering an immersive user experience.
- Implemented data analysis, dynamic graph visualization, maps and built a RESTful Node.js backend for user data storage.