Kayhaan Rashiq

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Education

University of Colorado Boulder — Boulder, CO

Bachelor of Arts in Computer Science, Minor in Business — *Aug. 2021 – Dec. 2025*

Technical Skills

Languages: Java; Python; C/C++; SQL (Postgres); JavaScript; HTML/CSS; CI/CD Systems; GitOps; Typescript
Frameworks: Node.js; Bootstrap; Express.js; Flask; React; Next.js; Tailwind CSS
Developer Tools: Git; Docker; Visual Studio Code; PyCharm; IntelliJ IDEA; Postman; AWS; Vercel
Libraries: NumPy; Matplotlib; Pandas; SciPy

Experience

Software Engineer - Studio23 Labs — *Aug. 2025 – Dec. 2025*

Remote

- Developed and deployed client-facing web applications from the ground up using TypeScript, React, and Next.js, translating business requirements into functional, production-ready products for startup founders.
- Styled and built responsive UI components using Tailwind CSS, iterating on designs to improve visual consistency, UX quality, and cross-device compatibility.
- Configured and managed cloud infrastructure using AWS and deployed applications via Vercel, enabling continuous deployment pipelines and scalable production environments.
- Resolved bugs, extended functionality, and improved performance across existing client codebases through iterative development cycles.
- Collaborated remotely using Git for version control, managing feature branches, pull requests, and merges to maintain clean, stable codebases across multiple concurrent client projects.

Technical Support Specialist - CU Boulder Tech Desk — *Aug. 2024 – Dec. 2025*

Boulder, CO

- Provided technical assistance and troubleshooting support for students and staff, resolving hardware, software, and connectivity issues efficiently.
- Delivered excellent customer service, demonstrating problem-solving and communication skills in a fast-paced environment.
- Administered Active Directory accounts and managed Windows/Mac system imaging, supporting hundreds of students and staff per semester while mentoring and training new team members on technical procedures and support workflows.

Projects

NLP Financial Sentiment Analysis | *Python OpenAI API Pandas Matplotlib* — *Sep. 2024 – Dec. 2024*

- Led a team of five to design and implement a comparative analysis between OpenAI's ChatGPT API and VADER NLP models, achieving a 15% improvement in sentiment accuracy for financial stock data.
- Automated data retrieval from the New York Times API, pulling 500+ industry-specific financial news articles categorized by stock ticker and company name.
- Processed and analyzed datasets containing stock price metrics (minute high, low, open, close, and volume) for over 40 trending stocks, totaling 2 million+ data points.
- Integrated OpenAI's GPT API to extract sentiment scores and key insights, increasing sentiment analysis efficiency by around 25%.
- Visualized sentiment trends over time using Matplotlib, plotting aggregated sentiment scores alongside stock price movements, identifying patterns with 56% accuracy.

Movie Master | *HTML CSS Javascript Handlebars SQL* — *Mar. 2024 – Apr. 2024*

- Led a team of five in designing and developing MovieMaster, a centralized platform designed for movie enthusiasts to discover, review, and rate movies.
- Integrated ratings and reviews from IMDb, TMDB, and MetaCritic, aggregating data for over 10,000 movies to provide comprehensive movie information.
- Implemented a proprietary recommendation model for the *For You* page, offering personalized movie suggestions based on users liked movies.