

KAUSHIK DONTULA

https://kaushikdontula.github.io/Kaushiks_portfolio/

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👤 US citizen

Education

Oregon State University

Sep. 2021 – May 2025

Bachelor of Science, Computer Science in AI and Finance

GPA: 3.9

Relevant Skills

- Key Product Metrics
- AI, Machine Learning and Data Mining
- Financial Applications
- Data Structures and Algorithms
- App Development
- Problem Solving
- Product Development
- Product Execution
- Entrepreneurship
- Data-Driven Descisions

Experience

American Express

June 2024 – August 2024

Product Manager Intern

New York, NY

- Conducted research with 500+ users to identify gaps in the Amex Business Checking Account and proposed an embedded payroll solution, forecasting a 25%+ boost in client primacy
- Developed and executed a plan for 20+ payroll features in the Amex Blueprint platform, reaching 50,000+ users and ensuring on-time delivery of product requirements
- Enhanced Amex Business Checking Account to meet SMB needs by designing an integrated payroll solution, projecting improved client primacy metrics and boosting deposit volume by 40%
- Utilized Figma, Confluence, and Jira to deliver customer-focused payroll solutions, ensuring 100% on-time delivery of project milestones and enhancing team productivity

Kaiser Permanente

June 2023 – September 2023

Software Engineering Intern

San Francisco, CA

- Increased user engagement 100% by collaborating with cross-functional teams to design, develop, and release user-centered features for “Be Healthy” movement, directly impacting Kaiser Permanente members
- Deployed 4 new features with full-stack development using Node.js, Nest.js, and Typescript to deliver UI components, resulting in a user-friendly “Be Healthy” movement framework
- Increased sprint velocity by 15% acting as scrum master, effectively using Confluence, Jira, and other tools to ensure efficient team collaboration and project management
- Triaged over 100 exceptions by performing automation and virtualization testing using Karate, Postman, and Figma

Projects

AI Cost Transparency App | AI SaaS, NextJS, OpenAI, Django, Vercel, Docker

November 2024

- Architecting and deploying a healthcare AI SaaS platform to parse Machine Readable Files (MRFs), enabling users to analyze overpayment or underpayment for medical procedures
- Integrated a chatbot powered by OpenAI, delivering personalized price analysis to improve user experience
- Built UI friendly comparison dashboards using Next.js and Django, enhancing transparency

SaaS Platform Development | NextJS, Stripe, Pinecone, LangChain, OpenAI, Vercel

August 2024

- Architected and launched a user-friendly, scalable SaaS with 99.9% uptime, focusing on customer retention
- Integrated Stripe for payments, achieving a 100% payment and subscription success rate
- Implemented AI-powered features using the OpenAI API, enhancing UX and increasing engagement

Housing Price Prediction Model | AI/ML, Python (Pandas, NumPy, Scikit-learn)

May 2024

- Improved housing price prediction accuracy by 20% through advanced feature engineering and model tuning
- Significantly enhanced data quality, boosting model reliability with effective preprocessing strategies
- Optimized Random Forest Model using GridSearchCV, reducing error by 50%, and integrated into a React app

Technical Skills

Languages: Python, SQL, C++, C, Javascript, Typescript, NodeJS, HTML/CSS, Jest, Cypress, Kotlin

Developer Tools: VS Code, Rstudio, Figma, Jira, Confluence, Android Studio, Postman, AWS, mongoDB

Technologies/Frameworks: Linux, Jenkins, GitHub, ReactJS, NextJS

Leadership / Extracurricular

Oregon Software Consulting Group

June 2024 – Present

President

Oregon State University

- Demonstrated ownership by launching initiatives and securing partnerships, helping club drive tech-focused projects with significant client impact
- Leading a team of 20+ members to successfully complete software development projects for various clients
- Establishing partnerships with local companies, securing sponsorships and internship opportunities for club members