

# Kaushik Dontula

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## Education

### Oregon State University

Sep 2021 - June 2025

Bachelors of Computer Science in AI, Minor in Finance

GPA: 3.90

**Relevant Coursework:** Machine Learning and Data Mining, Mobile App Development, Algorithms, Data Structures, Object-Oriented Programming, Databases, Operating Systems, Front End, Web Development, Back End development, Computer Architecture and Assembly

## Skills

**Languages/Frameworks:** Python, C++, SQL, Linux, C, Javascript, Typescript, R, HTML, CSS, Node JS, Figma, React JS, MongoDB, Git and GitHub, Assembly

**Softwares/Tools:** Visual Studio Code, R Studio, Android studio, MariaDB, phpAdmin, Figma, Postman, Cypress, Jest

**Technical Skills:** AI/ML training and modeling, Product Design, Product Management, Databases, Git, Scrum, Agile, Unit, Integration, E2E testing, SDLC, TDD, Complex problem solving, Critical thinking, Networking, Presentations, Adaptability

**Business skills:** Investments, Advanced financial management, Asset valuation, Financial mergers, Excel, Creating/Analyzing financial statements, Financial management decision-making, Asset and Liability Management, Capital budgeting, Forecasting

## Professional Experience

### Salesforce Software Engineer

Sept 2023 - Present

Oregon State

- Collaborated with cross-functional team to maintain and enhance a Salesforce-based application and reporting system
- Demonstrated proficiency in Java for OOP and contributed to HTML component development, utilizing tools like React.JS and Angular.JS
- Leveraged knowledge of DB querying languages like SQL to optimize data retrieval and management processes, ensuring data accuracy
- Conducted independent research of existing systems and Salesforce platform, identifying areas for improvement and developing plans for system enhancements

### Software Engineering Intern

June 2023- Sept 2023

Kaiser Permanente

Pleasanton, CA

- Increased user engagement 100% by collaborating with Agile scrum team to design, develop, and release software 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, with exposure to Kafka and PostgreSQL, 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, Figma, and other tools

## Applicable Projects

### Cancer Classification using Logistic Regression: AI/ML

Jan 2024

- Developed a logistic regression model to detect and classify cancer based on given datasets
- Achieved a high level of accuracy through data processing, feature engineering, and hyperparameter tuning
- Demonstrated proficiency in Python, NumPy and other machine learning concepts

### Personal Finance Management System: ReactJS

Dec 2023

- As a product manager/owner, successfully designed products and led a cross functional team to develop a personal finance app, ensuring on-time delivery and alignment with product goals
- Implemented Agile Scrum methodologies to drive iterative development, enhance team collaboration, and adapt to changing requirements

### Small Shell: C

Nov 2023

- Developed a Unix shell in C, implementing key features such as command prompt, variable expansion, built-in commands, and execution of linux commands using fork() and exec()
- Showcased expertise in Unix process API, signal handling, I/O redirection, and efficient command execution

### Song Database: Web Application Development

March 2023

- Developed a advanced web-based song database utilizing advanced technologies such as Mongoose and MongoDB
- Implemented comprehensive CRUD operations enabling seamless management of song data and enhancing user experience

**Personal Portfolio:** [kaushikdontula.github.io/Kaushiks\\_portfolio/](https://kaushikdontula.github.io/Kaushiks_portfolio/)

## Leadership and Additional Organizations

### Indian Student Association

May 2023 - Present

Treasurer

- Managed and maintained financial activities, ensuring errorless record-keeping and budget allocation using various technologies
- Developed and executed fundraising advantages, securing additional funding for club activities and events
- Directed financial analysis and put forward strategic proposals to optimize the clubs' financial resources