

Sushant Kamble

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EDUCATION

University of Texas at Austin - M.S., Information Studies

Aug. 2022 - May. 2024

Maharashtra Institute of Technology, Pune, India - B.E., Information Technology

July. 2015 - June. 2018

WORK EXPERIENCE

University of Texas at Austin

Jan. 2023 - Present

Graduate Research Assistant

- Developed a **web scrapping automation tool** using Javascript to help the researchers curate custom datasets of over one thousand IMDb Directors. Integrated OpenAI API to enhance data analysis capabilities, extracting meaningful patterns and insights, resulting in a 55% reduction in data discrepancies
- Implemented an **NLP-based text classifier** in Node.js by setting up a custom llama-2 environment to analyze and classify text of news articles extracted from the Global Database of Society (GDEL), substantially improving the relevance of articles by around 70%
- Crafted embedded scripts for **Qualtrics' JavaScript form engine**, specifically focusing on creating conditional branch logic for complex focus group surveys, reducing the survey drop-off rate by 40%

Scalex Cloud, Pune, India

July. 2018 - July. 2022

Software Engineer - II

- Led the frontend development and design team of a **cloud-based data management firm** based in New York, NY empowering data enterprises to manage large datasets and derive insights effortlessly. Coordinated cross-functional collaboration between design, engineering, and stakeholder teams to drive project success. This platform successfully procured a seed investment of \$1 million and is currently live in production.
- Developed a **highly customizable survey management tool** for a research lab in Redmond, Washington to build, deploy, and manage surveys on Amazon Mturk, resulting in precise budgeting, efficient payment processing, and optimizing the monetary resources by 40%
- Implemented **biometric authentication and session management** within a live mobile application of a Canadian finance management firm reducing the risk of unauthorized access, improving session management capabilities, and increasing the application traffic by 25%

SKILLS

Frontend Development: React JS, Next JS, React Native, HTML, CSS, Javascript, Selenium, git, redux, react hooks, Typescript, Jest, Mocha, CI/CD, Bootstrap, Tailwind CSS, Material UI

Backend Development: MongoDB, MySQL, Node JS, Express JS, Restful APIs, Next JS

User Interface Design: Figma, Adobe XD, Framer, Zeplin, Design Systems, Data Visualization, Interactive Prototype

User Experience Research: Competitor Analysis, Heuristic Evaluation, Usability Study, W3C Web Accessibility, Information Architecture, Miro, Notion, Qualtrics

PROJECTS

Cozy-craft | Three.js, WebXR

- Cozy-craft is an AR application built using **WebXR**, designed to enhance the pre-purchase experience for customers shopping for furniture. This AR application is seamlessly integrated into an e-commerce web portal, allowing users to visualize furniture in their living area before purchasing.

Pawfinder | Next.js, MongoDB

- Paw Finder is a web application built in **Next.js**, utilizing server-side rendering. The primary goal of Paw Finder is to connect local shelters with potential adopters by allowing shelters to post pet listings and providing location-based recommendations for adopters.

Kanban Board | React.js, Firebase

- Kanban Board is a pet project built in **React.js** aiming to create a simplified clone of Trello, a popular project management tool. It allows users to create boards, and cards to manage tasks and projects efficiently.