Sushant Kamble
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PROFESSIONAL EXPERIENCE

University of Texas at Austin   Jan. 2023 - Present
Graduate Research Assistant

- Developed a web scrapping program using Javascript to help the researchers curate custom datasets of 1000+ IMDb Directors. Utilized 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 using a llama-2 environment to analyze and classify text of web news articles extracted from the Global Database of Society (GDELT), substantially improving the relevance of articles by around 70%

Scalex Cloud, Pune, India   July. 2018 - July. 2022
Software Engineer - II
- Supervised and led a cross-functional team of 2 UX designers and 3 developers to build a cloud-based Saas data collaboration web application leading to $1M in seed investment
- Developed a web portal for the researchers from Microsoft research labs to build and deploy highly customizable jobs on Amazon Mturk, resulting in precise budgeting, efficient payment processing, and optimizing the monetary resources by 20%

Software Engineer - I
- Implemented Biometric Authentication APIs in a React Native application for a Canadian finance management firm reducing the risk of unauthorized access, improving session management, and increasing the application traffic by 25%

UNIVERSITY PROJECTS

- Created an augmented reality application in React JS leveraging WebXR API for immersive furniture e-commerce experiences
- Developed a virtual reality game for Meta Quest 2 using the Unity engine, collaborating with a team of three designers. Proficiently handled 3D asset modeling in Blender, scripted game mechanics in Unity, and optimized the experience for Meta Quest 2.

EDUCATION

University of Texas at Austin   Aug. 2022 - Present (Expected May. 2024)
Master of Science, Information Studies

Maharashtra Institute of Technology, Pune, India   July. 2015 - June. 2018
Bachelor of Engineering, Information Technology

SKILLS

Frontend: React, HTML, CSS, Javascript, Selenium, WebXR, Unity, Blender, React Native, git, redux, hooks, Typescript, Jest, Pixi.js, Meta Quest 2 SDK, SEO optimization, deep linking, Firebase web analytics
Backend: MongoDB, MySQL, Node JS, Express JS, Restful APIs, Next.js (SSR)
UX/UI: Figma, Adobe XD, W3C Web Accessibility, Design Systems, Responsive web design