Keshav Iyer
Developer & Designer

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Objective

Seeking opportunities to leverage my experience in software engineering and AI-powered tools to develop innovative and interactive solutions. Passionate about building scalable, efficient, and user-centric applications that merge technology and design to push the boundaries of software development.

Education

University of Texas at Austin

(2022-2025)

BS in Arts and Entertainment Technologies
Minor in Computer Science and Business
Bold Inquiry Incubator Inaugural Cohort
GPA: 3.8

Skills

Programming Languages: Python, Java, JavaScript, C#, C, SQL, NoSQL, MongoDB

Web Development: ReactJS, HTML/CSS, AngularJS, Three.js

Tools: MS 365, Office Suite, Adobe Photoshop, Adobe Illustrator, Figma, Adobe Acrobat, Adobe Premiere Pro, Adobe After Effects

Frameworks & APIs: TensorFlow, PyTorch, OpenCV, LLAMA API, GCP

Game Development: Unity, Arduino

Project Management: Agile, Scrum, Waterfall

Work Experience

Open Source Security Foundation (2022 - 2023)

Independent Media Consultant

Authored detailed documentation and white papers on open-source software security trends for the Linux Foundation. Simplified complex cybersecurity topics for a broad technical audience to improve education and awareness.

University of Texas at Dallas (2024 - 2025)

Research Associate

Lead a research initiative on neural network applications in electronic voting systems, focusing on developing scalable algorithms for voting system efficiency.

Ashwin Run LLC (2022 - 2025)

Strategic Consultant

Conducted market analysis and financial modeling to inform strategic decisions. Develop risk mitigation strategies and design targeted marketing campaigns to strengthen brand positioning.

Carpenter Technology (2025 - 2025)

Digital Intern

Developed and supported model-driven and generative AI applications, enhancing data analysis, decision-making, and workflow automation. Optimized maintenance application software and processes, improving manufacturing efficiency.

Technical Projects

Ranger Raccoon (Medical Technology Experience)

Led the design and development of an immersive medical technology interface, utilizing agile and scrum methodologies to manage sprints and meet deadlines. Worked closely with a cross-functional team of 11 developers and artists over 10 weeks to deliver a user-centered experience. **This project was made possible through the Bold Inquiry Incubator seed fund Grant.**

Deadly Silverfish (Immortal Snail Plugin)

Created a sophisticated Minecraft plugin using Java that implements advanced pathfinding algorithms with cross-dimensional tracking. The plugin has gained significant user adoption with positive community feedback.

AI Voice Match Web App

Developed a comprehensive full-stack web application utilizing React.js, Python, and advanced voice recognition APIs, implementing machine learning algorithms for audio pattern matching with strong accuracy in voice pattern recognition.