

KEERTHANA RAJAPURAM

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Professional Summary

Driven and detail-oriented Front-End Developer with a master's degree in computer science and a strong passion for building secure, scalable, and intuitive user interfaces. Proficient in HTML5, CSS3, JavaScript, responsive design, and version control. Hands-on experience building mobile and web UI using modern tools such as Firebase, Android Studio, and Git. Seeking to contribute to impactful projects as a UI Developer at a forward-thinking organization

Technical Skills

- Frontend: HTML5, CSS3, JavaScript (ES6+), Responsive Web Design, UI/UX Principles, tailwind
 - Frameworks & Tools: React.js, Git & GitHub, Firebase, Postman, Android Studio, VS Code, Figma (basic), Chrome DevTools
 - Programming: Java, Python, C++, JavaScript
 - Databases: MySQL, MongoDB
 - Other Concepts: Agile Development, RESTful APIs, Object-Oriented Programming (OOP), MVC Architecture
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Education & Certifications

M.S. in Computer Science Oklahoma City University, OK

Aug 2023 – May 2025

Bachelor of Technology in Computer Science Mahaveer Institute of Science and Technology, India

2018 - 2022

Projects & Labs

Secure Password Manager Android App

- Android | Firebase | AES Encryption | Java
 - Developed an Android app that securely stores and retrieves user passwords with Firebase backend.
 - Integrated AES encryption and email-based MFA.
 - Designed intuitive UI following Material Design principle.
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Powered COVID-19 Detection System

- Python | TensorFlow | Deep Learning
 - Built a deep learning model to detect COVID-19 in CT scan images CNN.
 - Focused on results visualization to enable review by non-technical users.
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Certification & Awards

- Certified in Web Design & SQL Development
 - Certified in Internet OF Things (IoT) using Raspberry Pi
 - Recognized in Technical Quiz Competitions
 - Student Coordinator – Research & Development Cell
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Strengths & Interests

- Strong communication and collaborative skills in team environment
- Passionate about clean UI, accessible design, and performance optimization
- Constantly exploring Modern front-end frameworks and UX strategies