LAKSHMIPRIYA RAJESH KANNA

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CAREER PROFILE

MS in Software Engineering candidate with hands-on experience in full-stack development, Agile methodologies, and project management. Proficient in Java, Python, React, PHP, SQL, HTML, CSS, and Solidity. Seeking entry-level roles in Front-end, Back-end, Full Stack Development, or Project Coordination.

TECHNICAL SKILLS

- Languages: Java, Python, JavaScript, Solidity
- Frameworks & Libraries: React, Node.js, Junit5, TDD
- Web Technologies: HTML5, CSS3
- Databases: MySQL, SQL, PHP
- Tools & Platforms: Git, Android Studio, Jira, Microsoft Project
- Project Management: Agile (Scrum & Kanban), Waterfall.

EXPERIENCE

Web Design Intern   Mar 2020 - Jul 2020

- Led a team of 5 in designing a responsive restaurant web page using HTML, CSS and JavaScript.
- Increased user engagement by 30% through intuitive design and user-friendly interface.
- Enacted secure login features, enhancing online presence and customer trust.
- Presented project demos via Microsoft Teams and PowerPoint, effectively engaging stakeholders.
- Optimized restaurant location management using PHP & MySQL, improving operational efficiency by 25%.
- Coordinated project tasks and timelines, ensuring successful completion within deadlines.

EDUCATION

Drexel University   Philadelphia, PA

Master of Science in Software Engineering   September 2023 – Present

- Awarded Dean's Fellowship for outstanding academics.
- GPA: 3.8/4.0

Sona College of Technology   Salem, India

Bachelor of Technology in Information Technology   Graduated: June 2022

- Achieved a CGPA of 8.3/10
- Final year project: Digital currency on Ethereum with Blockchain Technology.
- Organized technical and non-technical events, enhancing student engagement and learning.

PROJECTS

- **Face Mask Detection System Based on Python** [Project Link](#)   May 2024 – Jun 2024
  - Implemented a deep learning model based on ResNet50 for accurate detection of individuals not wearing masks.
  - The residual connections help capture detailed information in depth, enabling accurate recognition of face masks in a crowd.

- **Project Management – Fiction Sneaker Company** [Project Link](#)   Mar 2024- May 2024
  - Directed a team of 5 in developing project proposals and WBS using Microsoft Project.
  - Enhanced sales revenue by 25% through effective milestone and sprint planning strategies.
  - Executed both Waterfall and Agile methodologies, including sprint planning and retrospectives.

- **Chess Board Move Validation Based on Java** [Project Link](#)   Jan 2024 – Mar 2024
  - Built a Java project to validate chess moves, achieving 94% accuracy.
  - Utilized JUnit5 for test case development and applied TDD for robust software testing.

- **Ethereum Token Development** [Project Link](#)   May 2022- Jun 2022
  - Created and deployed a Solidity-based token on the Ethereum blockchain, achieving a 95% success rate on the Rinkeby Network.
  - Reduced security vulnerabilities by 60% through MetaMask wallet integration.

- **Smart Car Parking Application Based on Java and PHP** [Project Link](#)   Jun 2021 – Jul 2021
  - Designed and implemented a smart parking system using Java, reducing search time by 60%.
  - Expanded reservation efficiency by 70% through online booking functionality.

CERTIFICATION:

- **In Progress:** CAPM (Certified Associate in Project Management), AWS Cloud Practitioner.
- **Completed:** Project Coordinator PMI, Google Agile Project Management, SQL, React.
- **Others:** Data Landscape of GenAI for Project Management, Generative AI Overview for Project Management