Lakshmipriya RajeshKanna

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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
- Appointed as Dean's Ambassador of CCI   Sep 2024-Present

Sona College of Technology   Salem, India

Bachelor of Technology in Information Technology   Graduated: June 2022

- Final year project: Digital currency on Ethereum with Blockchain Technology   CGPA of 8.3/10
- Course Works – Advanced Data Structures, Cloud Computing, Data Mining, Mobile App Development

TECHNICAL SKILLS

- **Programming Languages & Databases:** *Java, Python, JavaScript, Solidity, HTML5, CSS3, MySQL, SQL, PHP, MongoDB*
- **Frameworks & Libraries:** *React, Node.js, Junit5, TDD, Beautiful Soup, Selenium, Machine learning*
- **Tools & Platforms:** *Git, Git Lab, Android Studio, Jira, GoDaddy, Docker, Google Colab*

- **Project Management:** *Agile (Scrum & Kanban), Waterfall*
- **Certifications InProgress:** *Certified Associate Project Management, AWS Cloud Practitioner (Anticipated Dec 2024)*
- **Certified in 2024:** *Project Coordinator PMI, Google Agile PM, SQL, React. Data Landscape of GenAI*

EXPERIENCE

Web Design Intern   Mar 2020 - Jul 2020

Intel lint Technology LLP   Chennai, India

- 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 PHP for 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

PROJECTS

- **What Should I Eat? – Dietary Assistance Web Application (Capstone)** Team Lead   Sep 2024- Present
  - Enhancing and fixing bugs, implementing API's, Managing IP-to-URL connections, and implementing CI/CD
  - Used HTML, CSS, JavaScript, MongoDB, Docker, and GoDaddy for domain hosting
- **Northeastern of USA real Estate Market Trends & Analysis**   Sep 2024- Present
  - Conducted data collection and cleaning via web scraping, followed by building a predictive model to forecast real estate trends for the next 5-10 years using machine learning algorithms
  - Utilized Python for data analysis, applying data visualization tools for market behaviour and future trends
- **Face Mask Detection System Based on Python** Project Link   May 2024 – Jun 2024
  - Implemented ResNet50-based(deep learning) for accurate detection of individuals without wearing masks
  - Applied residual connections to enhance detailed recognition of face masks in a crowded scenes
- **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 Android Application Based on Java and PHP** Project Link   Jun 2021 – Jul 2021
  - Designed and implemented a smart parking system using Java and PHP, reducing search time by 60%
  - Expanded reservation efficiency by 70% through online booking functionality