Lakshini Kuganandamurthy

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PROFILE

I'm a curious and adaptable developer with a strong analytical mindset, passionate about solving real-world problems. With solid experience in Python and a string interest in backend development, I enjoy working on innovative projects that deliver real impact. I thrive in fast-growing, dynamic environments, I'm detail-oriented, able to collaborate with teams, and am excited about contributing to Microburbs' mission of helping Australians find their ideal properties. Flexible and always eager to learn, I'm ready to grow and make a difference in a company that values creativity and innovation.

EDUCATION

Masters in Information and Communication Technology

La Trobe University, Australia   Jul 2023 – Aug 2025

- Successfully completed modules on programming (Python basics and advanced programming).
- Submitted written reports analysing case studies on Smart Grid System.
- Timely completion and submission of assignments.
- Involved in independent study and research on subject modules.
- Attained a cumulative weighted average mark (WAM) of 83%.

Bachelor of Science (Honours) in Information Technology (majored in Software Engineering)

Sri Lanka Institute of Information Technology, Sri Lanka   Jan 2017 – Dec 2021

- Displayed high performance in subjects: Object Oriented Programming, Software Engineering, Mobile Application Development and Machine Learning.
- Involved in group projects and independent study and research.
- Timely submission of written assessments.

Achievements

- Second Class (Overall Average - 74.7%)
- Final year dissertation: "SalFix: Solutions for Small Businesses Using Artificial Intelligence and Machine Learning". This dissertation was published in the 3rd International Conference on Advancements in Computing 2021 (ICAC), with a mark of 72%

RELEVANT EXPERIENCE

Developer | AI Training and Code Annotation

DataAnnotation.tech, Australia   Feb 2024 – Aug 2024

- Contributed to the enhancement of AI-powered coding platforms by providing high-quality code annotations, training AI models, and validating code accuracy. Worked with a variety of programming languages, developing solutions for complex coding problems.
- AI Model Training involves training and refining AI coding assistants, improving their capacity to understand, debug, and generate optimized code across various programming languages such as Python, SQL, PLSQL.

- Performed Code Annotation and Review, evaluated AI-generated code, ensuring it aligns with best practices, performance metrics, and logical correctness, while providing detailed, improved annotations that guide the learning process for AI models.
- Conducted thorough code reviews and tests, maintained high standards of accuracy and efficiency, contributing to the continuous improvement of AI-based solutions.
- Tech Stack used - Python, SQL, PLSQL.

Associate Software Engineer

Virtusa Pvt Ltd, Colombo, Sri Lanka   Nov 2021 - Jul 2023

- After completing my Bachelors, I began my career in IT at Virtusa which is a global provider of digital business strategy, digital engineering, and IT services and solutions.
- In my role, I was involved with:
    - developing new features for an existing command-line application.
    - developing the migration of a command-line application to a web-based application.
    - developing API services for web applications and
    - analysing application code and documentation to propose new features.
- Worked closely together with my team to ensure we delivered on client's requests and ensured our outputs were of a high standard.
- Duly fulfilled all duties and responsibilities assigned to me in a professional manner.
- Maintained a good rapport with clients, ensuring that their concerns were addressed.
- Tech Stack used – Progress 4GL, ReactJS.

Intern Software Engineer

Digital Microservices, Colombo, Sri Lanka   Nov 2020 - Nov 2021

- Gained a strong understanding of the fundamentals of IT software development.
- Worked in a team to effectively:
    - developing a pilot two-factor authentication service for a web application.
    - integrating applications developed across different code base.
    - integrating database connections to ensure efficient database management.
    - Evaluating code quality and performed code-level developer testing.
    - testing application code and fixing bugs.
- Built a good rapport with clients and maintained a level of professionalism when discussing their development requirements for projects on hand.
- Tech Stack used – JAVA, Postgresql, MySQL, Scala.

VOLUNTEER EXPERIENCE

Member of the La Trobe Google Developer Student Club

La Trobe University, Australia   Sep 2023 – Present

- Eagerly contributing to application development by bringing pitched ideas and projects to life, showcasing a proactive approach and collaborative spirit.
- Actively engaged with club members to organize and participate in events, demonstrating strong teamwork and a commitment to collaborative success.

Member of the Salvation Army Volunteers – Retail volunteer

Salvos Stores, Bundoora, Australia   Nov 2023 – Jan 2024

- Facilitated smooth transactions by efficiently operating the cash register and accurately determining

item prices, ensuring clear communication with customers.

- Provided exceptional customer service by assisting customers in locating their desired items, demonstrating strong communication skills and a proactive approach.
- Collaborated with team members to organize and manage donations, effectively arranging stock inventory to maintain a well-ordered store environment.

PROFESSIONAL DEVELOPMENT

- Published two review papers on "Real-Time Object Detection Using YOLO" and "Face Recognition using Deep Learning Neural Network" in Researchgate.net.
- Completed Introduction to GEN AI by Google Cloud Skills Boost, collaboration with La Trobe Google Developer Student Club.
- Completed Software Engineering Job simulation offered by Citi Forage.
- Participated and secured 1st place in ServiceNow x Deloitte Appathon 2024, organized by La Trobe University.
- Participated in GovHack 2024 – an annual open government data competition.

SKILLS

- Python
- SQL (MySQL/MSSQL/Postgresql)
- Dart/Flutter
- Project Management tools (Jira)
- Switch & Router configurations
- Routing Protocols

- JAVA
- HTML/CSS/JS
- Progress 4GL
- Github/Gitlab
- LAN Switching
- Crytography

REFEREE

Available upon request.