SHAMILI GOVINDARAJ

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PROFILE

IT professional with a strong foundation in the software industry and a master's degree in Artificial Intelligence. Progressing in AI concepts, machine learning frameworks with hands-on experience in developing automation frameworks, troubleshooting, and managing IT systems. Good problem solver and a great team worker. Passionate about leveraging technology to solve complex challenges, seeking a graduate software engineer opportunity that offers both structured guidance and challenging projects to make a meaningful impact.

CORE SKILLS

- Programming Languages: Python, C#, Java
- Automation Framework: POM Framework, Data Driven Framework
- AI/ML Frameworks: TensorFlow, PyTorch, Power BI, Tabular models.
- Web/Mobile Development: HTML, CSS
- Cloud Services: AWS (EC2, RDS), Azure, Dockers.
- Data Analysis: Pandas, Matplotlib, Seaborn
- Database: SQL, PostgreSQL
- Tools: Selenium, Cucumber, Azure DevOps, Git, VS Code, Postman, Jira, PyCharm.

EDUCATION

MSc. Artificial Intelligence   **Sept 2024 - Present**
Manchester Metropolitan University, UK.
Key Modules: AI concepts, machine learning frameworks, linear algebra, calculus, probability theory, Statistical and research skills, Data Manipulation.
Projects:
- Reinforcement Deep Q Learning simulator for multi stock trading.
- Auto Trader Car Price Prediction Model.
- Robot path planning algorithm using search algorithms (A*, BFS, DFS, UCS).

B. Eng. Electronics and communication (81% -UK First Class Equivalent).   **Aug 2016- Sept 2020**
Anna University, Chennai, India.
Key Modules: Electronic circuits and designs, linear integrated circuits, OOPs and data structures, Micro controller, Microprocessors, VLSI design, embedded software and Python programming.
Projects:
- Virtual reality-based necessity providing system for disaster victims
    1. Key hardware components: Arduino UNO, microcontroller, VSN WSN, VR display, and LED display.
    2. Software: Arduino IDE, MATLAB, Embedded C, Proteus Simulation, and .NET Coding.
- Automated alcohol detection vehicle system for drunken drive.

WORK POSITION

IT System Support-Manchester Metropolitan University, UK (part time)   **Sept 2024 - Present**
- Troubleshooted IT issues, liaising and reporting unresolved problems to IT staff.
- Managed and closed IT tickets, ensuring all information was accurately recorded and issues were resolved in a timely manner.
- Enhanced team collaboration and management using Microsoft Office 365, Teams and Outlook.

Info Technology Associate- NTT DATA GDS   **Mar 2023-Aug 2024**
- Developed and maintained BDD framework using Cucumber with Selenium, improving efficiency.
- Conducted SQL-based query testing for EDT, ensuring data validation and integration testing.
- Being a SDET, Managed CI/CD pipelines with Jenkins and Azure DevOps, supporting deployment.
- Developed non-trivial interpersonal skills while managing to deliver client requests.

QA Trainee - NTT DATA, INDIA   **April 2021-Nov 2022**

- Prepared documents like Test Case documents, Release notes, improving documentation.
- Prepared Test Scope, Test Strategy, Test Plan, Traceability Matrix, elevating the quality of testing.
- Automated API tests using Postman, improving efficiency by 25-30%.
- Managed Jira board, enhancing team collaboration.

CERTIFICATION AND PUBLICATION

- DevOps, GIT and Jenkins Certification Program- NTT DATA.
- NTT DATA Certified Test Engineer, 2021-NTT DATA.
- Received GenAI: The evolution of thoughtful Online Search-LinkedIn.
- Generative AI Level-1 Certification -NTT DATA.
- MySQL & Python Crash course- Guvi.
- "Virtual Reality based necessity providing system for disaster victims," published in "ICRDET-International Conference on Recent Development in Engineering & Technology"

KEY SKILLS

Interpersonal and communication Skills:
Developed nontrivial interpersonal skills using my experience in managing to deliver client request. Effectively coordinated support activities and engaged with key stakeholders directly.

Adaptive Learning & Teaching:
While doing my undergrads did Self-teaching programming languages using internet as an effective tool improved my adaptive learning capability to learn new languages.

Problem - Solving & Logical Thinking:
Have been showcasing competent logical thinking & problem-solving skills by using them to identify problems and develop innovative approaches in programming and with real life situations faced in leadership roles.