Satish Sudarshan Chougule

My biggest strength lies in being a results-oriented AI Application Developer with a strong background in machine learning and a passion for leveraging AI technologies to create innovative solutions.

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PROFILE SUMMARY

- Software Analyst with 6 years and 10 months of experience in AI based application development
- Proficient in the complete software development lifecycle, including documentation, design, development, and testing.
- Successfully delivered 4 AI-based automation tools, with expertise in C# and Python.
- Specialize in ML and DL projects, utilizing Python for development and C# for integration.
- Skilled in designing pipelines for ML projects and contributing to innovative research and development initiatives.
- Experience with cutting-edge technologies such as GEN AI and LLM models.

ACADEMIC DETAILS

- Postgraduate Diploma in Centre for Development of Advanced Computing (CDAC), Year of Graduation: 2017
- Bachelor of Engineering in Computer Science, Visvesvaraya Technological University (VTU), Year of Graduation: 2016

Professional Experience

Software Analyst

Universal Technology Solutions (March 2021 – Present)
- Played a key role in the product development of eZAutomate, TestMagic, Xpedite API Test Farm, and Theta 1.
- Developed machine and deep learning models to enhance automation processes.
- Spearheaded the development of NextGen AI & ML-based solutions.

Senior Software Engineer

Universal Technology Solutions (April 2018 – Present)
- Led product development efforts for eZAutomate and TestMagic.
- Developed web services modules for automation testing tools of SOAP and REST services using C#.
- Initiated research and development on machine learning using Python.
- Worked on implementing machine learning modules, achieving a 20% improvement in automation testing efficiency.

TECHNICAL STRENGTHS

- Machine Learning
- Natural Language Processing (NLP) , Word Embeddings, BERT, Transfer Learning, Text Classification
- Frameworks and libraries (TensorFlow, scikit-learn).
- Generative Adversarial Networks (GAN)
- AI/ML (Jupyter-Notebook)
- Kubeflow (MLOps)
- ML pipelines using Vertex AI (Google Cloud)
- Application development using C# and Visual Studio

MANAGEMENT SKILLS

- **Project Planning**
- **Project Economics and Financial Management**
- **Project Risk Analysis**

LANGUAGES

- **ENGLISH - Full Professional**
- **MARATHI– Native**
- **HINDI – Full Professional**

BEHAVIOURAL

- **ANALYTICAL & OBSERVANT**
- **DEVELOPING & CREATING NEW IDEAS INTEGRITY**

INTERESTS

- **Learning**
- **COOKING**
- **MUSIC**

Senior Software Engineer

Universal Technology Solutions (April 2018 – Present)
- Contributed to the product development of eZAutomate.
- Developed web services modules for automation testing tools of SOAP and REST services using C#.
- Designed and implemented new models to streamline automation processes.
- Achieved a 60% improvement in automation testing efficiency through the implementation of web services modules.

ORGANIZATIONAL EXPERIENCE PROJECTS AND PRODUCTS (6 YEARS 10 months)

eZAutomate Automation testing tool :-
- Developed a C# application for script less test automation.
- Implemented web services automation using AI/ML.
- Utilized ML models for verifying performance at runtime.
- Created scenario requests and request data using ML models.
- Provided predictions for request node values and response operators.
- Developed test cases using ML models.
- Designed multiple test cases using multiple data.

TestMagic, Test case and data management
- Contributed to a test automation management project.
- Created test data and test cases.
- Utilized ML models for the analysis of executed test cases.
- Implemented a test data management system..

Xpedite API Test Farm, REST automation
- Developed a tool similar to Postman.
- Designed for creating manual and automated test cases for REST APIs only.
- Created test data and test cases.

Theta 1, Converting Selenium test cases
- Developed a tool for converting Selenium test cases to eZAutomate test cases (Work in Progress).
- Implemented ML models for predicting eZAutomate actions based on Selenium manual descriptions.

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INTERNATIONAL EXPERIENCE (1 YEARS 8 months)

Capital Bank of Jordan, Jordan Amman
- Position: Senior Software Engineer
- Duration: 1 year 6 months
- Description: Contributed to software development projects tailored to client requirements during a tenure of 1 year 6 months at Capital Bank, Jordan.