

# VIKAS M

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in [vikas.m](https://www.linkedin.com/in/vikas.m)

🐙 [vikkydroid](https://github.com/vikkydroid)

## Professional Summary

Positive and optimistic developer with a passion for automation. Skilled in envisioning, designing, and developing scripts and modules. Effective communicator with over 1+ year of experience in the automation field, adept at collaborating across teams to suggest, support, troubleshoot, and debug. A lifelong learner dedicated to exploring, researching, and mastering new technologies.

## Experience

### Novigo Solutions

Aug 2023 – Present

Software Engineer

Mangaluru

- Started working as SDE in RPA Team after receiving FTE offer through my internship.
- Led client interactions, gathered requirements, and automated manual tasks using C#, SQL, Python and UiPath Studio. Achieved end-to-end automation across automobile, airways, HR, and banking domains.

### Novigo Solutions

May 2023 – Aug 2023

Software Development Engineer Intern

Mangaluru

- Developed end-to-end process for invoice creation, purchase order handling, and unit allocation using VB.NET framework.
- Contributed to the development of reusable components for client projects in the Banking domain, emphasizing migration from drag-and-drop activities to coding with C# LINQ and custom codes.

### Varcons Inc.

Apr 2023 – May 2023

Full Stack web Development Intern

Remote

- Worked on redesigning of Site for an NGO project, creating fully functional web templates with Figma and the MERN stack.
- Implemented SQL databases for data collection, storage, and sorting, aligning with design briefs and client specifications.

## Projects

### Voice-Controlled Virtual Assistant (Jarvis)/ Pyttsx3, Google Text-to-Speech (gTTS), SpeechRecognition

🐙 Code

- Implemented speech recognition for user commands using SpeechRecognition.
- Utilized Google Text-to-Speech (gTTS) and Pygame for generating and playing audio responses.
- Automated tasks such as opening websites, playing music from a predefined library, and fetching news headlines.

### Automated Invoice Processing System / UiPath, Azure Document Intelligence, Azure Blob Storage, CSharp

🐙 Code

- Developed a UiPath workflow to automate the extraction and processing of invoice data.
- Utilized Azure Document Intelligence to recognize and extract fields such as invoice numbers, date, total amount, and line items.
- Fetches documents from Blob Storage and trained a custom model to extract fields and validate signatures.
- Used C# with RestSharp to make API requests to Azure.

### Pothole Detection for Road Safety / Python, MIT App Inventor, Google Maps API

🐙 Code

- Developed a YOLO V5 Model using Python to detect potholes from videos
- Utilized VS Code for development and MIT App Inventor for mobile interface creation.
- Integrated Maps API and GScript to report pothole coordinates on custom maps for enhanced road safety measures.

## Technical Skills

**Languages:** C, Python, SQL, UiPath, VBA Macros, LINQ, C#(Basics),HTML,CSS

**Technologies:** Visual studio Code, PyCharm, Google Colab, Excel, Azure AI, SSMS, Uipath Orchestrator, Robotic Enterprise Framework, Postman API

## Achievements / Co-Curricular

- Microsoft **Certified:** Azure AI Fundamentals (**AI-900**) .
- Completed **disciplinary** and **commanding** course in **NCC**.
- Co-ordinated** and **Hosted** Events during Inter-Collegiate Fest
- Collaborated** with several authors and co-authored a book and published it on online platforms.
- Trained** and **mentored** juniors in various **technologies**, both in college and office settings.

## Education

Canara Engineering College, Benjanapadavu

Aug 2019 – Aug 2023

Bachelor of Technology in Electronics and Communication Engineering

7.4 GPA