



# Om Sarvaiya Software Developer

✉️ omsarvaiya3242@gmail.com

📞 +91 7600312342

📍 Rajkot, Gujarat, India

📅 26/12/2001

LinkedIn Sarvaiya Om

## PROFILE

Results-driven Software Developer with 2 years and 2 months of experience in backend development, specializing in Python, Django, Flask, and Agentic AI workflows. Expert in designing and implementing AI-driven automation solutions using n8n, Microsoft Copilot Studio, and OpenAI APIs, with a focus on optimizing business processes. Proficient in AWS for scalable application deployment, SQL for efficient data management, and data analysis with Numpy, Pandas, and Matplotlib. Familiar with React and Node.js for full-stack development, with a strong commitment to advancing expertise in Agentic AI to deliver innovative, high-impact automation solutions.

## SKILLS

**Programming Languages:** Python, Java, JavaScript, C, C++, SQL | **Agentic AI & Automation:** n8n, Microsoft Copilot Studio, OpenAI API, Hugging Face, Workflow Automation, AI-Driven Data Extraction |  
**Frameworks & Tools:** Django, Flask, React, Node.js, Bubble.io | **Cloud & DevOps:** AWS, Google Cloud APIs, Gmail API | **Data Analysis:** Numpy, Pandas, Matplotlib | **Other:** Microservices, IoT Data Processing, UI/UX Design, Web Scraping

## PROFESSIONAL EXPERIENCE

### Python Backend Developer, Omnisys Solutions

06/2024 – present

Pune, India

- Supplier Data Management:** Implemented Hugging Face configuration for efficient supplier data retrieval and integrated OpenAI API for automated JSON parsing and prompt optimization, streamlining supplier onboarding and data workflows.
- AI-Powered Data Extraction:** Utilized Microsoft AI for image analysis to extract key fields into Excel and applied OpenAI models to analyze product and service conditions, improving data accuracy and usability.
- Automation and Workflow Optimization:** Automated financial statement analysis, email parsing, Google Form generation, and multi-mail dispatch using Gmail API and Bubble.io, significantly reducing manual workload and processing time.
- Agentic AI Purchase Cycle Assistant:** Designed and developed an AI-driven assistant using n8n and Microsoft Copilot Studio to automate the purchase order (PO) cycle — including creation, tracking, and submission of shipped order quantities — with API-based real-time supplier validation for reduced errors and faster procurement.
- UiPath Automation & ERP Integration:** Developed and tested automation workflows using UiPath Automation Tester to monitor large-scale transactional data and populate multiple ERP forms dynamically through robotic process automation (RPA). Designed end-to-end monitoring pipelines to execute automation projects, ensuring accuracy, reliability, and efficient handling of high-volume business operations.

### Java Developer, Hackveda Limited

01/2024 – 07/2024

Delhi, India

- Microservices and IoT Data Processing:** Developed microservices for real-time IoT data processing using secure and scalable architectures with Spring.
- Tools and Models Development:** Created tools for CPU scheduling visualization, summary generation, and divergence detection.
- Java-Based System Implementation:** Implemented and analyzed Java systems for financial data management and high-frequency trading.

## Full Stack Developer Intern, Rudra Softwares

- **Flutter App Development** :- Expertise in building mobile applications using Flutter with a strong focus on full-stack architecture.
- **Front-End UI/UX Design** :- Proficient in crafting intuitive and visually appealing user interfaces.
- **Back-End System Integration** :- Skilled in seamlessly integrating systems and ensuring smooth data flow between components.

06/2023 – 09/2023

Rajkot, India

## Junior Web Developer, Craft Box Technologies

- **Website and Web App Development** :- Designed, built, and maintained websites and web applications.
- **Technical Skills** :- Gained experience working with HTML, CSS, and JavaScript under the guidance of senior developers.
- **Essential Skills** :- Developed key skills such as collaboration, problem-solving, attention to detail, and the ability to work both independently and within a team.

02/2021 – 10/2021

Rajkot, India

## PROJECTS

### Automated Billing System Assistant (Sakshi Book Store)

05/2025 – 06/2025

- **Billing System Development**: Developed an AI-powered billing system for Sakshi Book Store using Python and React to manage book sales, enabling add, edit, delete, and tracking functionalities for streamlined billing operations.
- **Responsive Frontend Design**: Designed a responsive React frontend with Tailwind CSS for intuitive user interactions, ensuring seamless navigation across laptops, mobiles, and tablets.
- **Secure Backend Integration**: Implemented a Django backend with SQL database integration for secure data management, maintaining 99.9% uptime and robust data integrity.
- **Automated Invoice and Payment Processing**: Automated invoice generation and payment tracking using n8n workflows, streamlining the billing process and minimizing transaction errors.
- **Customer Communication Enhancement**: Integrated WhatsApp API for sending PDF bills to customers, improving communication efficiency and user experience.

### Email Marketing Automation Tool

11/2024 – 01/2025

- **Bulk Email Sending**: Developed a Flask-based web application enabling businesses to send multiple emails efficiently, targeting email marketing needs.
- **Dynamic Attachments and Personalization**: Implemented features to handle attachments (e.g., images, documents) and customize email content dynamically for better engagement.
- **Robust Email Pipeline**: Built an email-sending pipeline using Python libraries to ensure reliable and structured email delivery. Advanced Logging and Monitoring: Integrated comprehensive logging and tracking mechanisms with unique identifiers (UUID) to monitor email delivery and detect failures.
- **Image Processing**: Utilized PIL for on-the-fly image modifications and encoding, supporting enhanced email customization.

## CERTIFICATES

- C language Certification
- SQL Certification
- Java Certification
- C++ Certification

## LANGUAGES

- Hindi
- Gujarati
- English

 EDUCATION

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**MIT World Peace University, Master of Computer Application**

CGPA :- 7.98

06/2022 – 05/2024

Pune, India

**Saurastra University, Bachelor of Computer Application**

CGPA : - 7.67

08/2019 – 04/2022

Rajkot, India