



Arjun Rajan Thumbare

Results-Driven Python Developer | Specialized in AI/ML Backend Development | Proven Expertise in Flask, Azure, Docker and Generative AI.

GET IN CONTACT

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PERSONAL DETAILS

- Total Experience 2 Years 3 Months
- Date of Birth Oct 21, 1999
- Gender Male
- Marital Status Single/Unmarried

SKILLS

- Team Leading
- Adaptability
- Excellent Communication In English
- Multitasking

TECHNICAL SKILLS

- Microsoft Azure
- Generative Ai
- Python
- Python Flask
- Docker
- CI/CD Pipeline
- Database Management
- Linux

LANGUAGES KNOWN

- English
- Hindi

COURSES & CERTIFICATIONS

- PCEP Python Entry Level
- Azure Fundamentals
- Automation Engineer Practitioner Certificate
- IBM Python for Machine Learning

PROFILE SUMMARY

Experienced Python Developer with over 2 years in Python and backend development. Proven track record in time-sensitive AI/ML projects, implementing best practices collaboratively. Proficient in Python, Flask, API development, Microsoft Azure, SQL, CI/CD deployment, and Docker containers. Currently excelling in the realm of generative AI and its associated backend development. Seeking opportunities to contribute expertise to innovative projects.

EDUCATION HISTORY

Graduation

Course	B.E. (Information Technology)
College	Mumbai University
Year of Passing	2021
Grade	6.8/10

Diploma

Board	MSBTE
Medium	English
Year of Passing	2018
Grade	67.9%

Class X

Board	Maharashtra
Medium	Marathi
Year of Passing	2015
Grade	81.40%

WORK EXPERIENCE

Sep 2023 to Present

Python Developer, Generative AI Expert at Sogeti, Capgemini - Mumbai, India

Project Name: Generative AI Platform
Type of Industry: Generative AI, Python

Responsibilities:

- Created a Base template in (Vanilla JS & Flask framework) to Onboard the Generative AI use cases. Setup a
- Microsoft Azure environment and Azure OpenAIModels.
- Created an MS SQL Database and create a schema.

- Created a table to store prompts, user data, models.
- Onboarding the use cases and add more features to it as per the client requirement.
- Enhance the response by Doing Prompt Engineering.
- Scaling the use cases.

Role: Generative AI Expert, Python Backend Developer.

Software/Languages: Python, Flask Framework, Vanilla JS, LLM's, Pandas AI.

Special Tools: Open AI, LLM, Pandas AI.

Dec 2022 to Feb 2023

Data Science Python Developer at Sogeti, Capgemini - Mumbai, India

Project Name: Cognitive Document Processing-Biller Rules

Type of Industry: AI/ML

Responsibilities:

- Trained an Azure Custom Vision model using documents
- Tagged documents with bounding boxes
- Created a Python codebase to retrieve documents from the UI
- Saved documents in Blob Storage
- Developed a Streamlit UI for user interactions
- Deployed the entire application on an on-premises server using Docker.

Role: Python Backend Development,

Software/Languages: Python, Streamlit Framework,

Microsoft Azure, Azure Cognitive Services, Linux.

Special Tools: Azure Custom Vision, Azure Blob Storage.

Apr 2022 to Oct 2022

Python Backend Developer at Sogeti, Capgemini - Mumbai, India

Project Name: AI Artwork

Type of Industry: AI/ML

Responsibilities:

- Created a base REST API structure for the features.
- Established an MS SQL Database and added the necessary schema.
- Developed a Database utility file to access the database through code.
- Created a Dockerfile and Docker container for deploying the code to the app service.
- Set up a CI/CD pipeline on Azure DevOps using GIT for deploying both React and Python code.

Role: API Developer /Python Full Stack Development

Software/Language: Python 3.9, Python Flask, MsSQL, Docker Demon, GIT Hub.

Special Tools: Microsoft Azure, Azure DevOps, Virtual Machines.

INTERNSHIPS

Tele Networks Technologies Pvt. Ltd, 1 Months

- Tele Networks Technologies is provide Security solutionto the clients.
- I have performed security related tasks during this entire internship.
- Here I learned and work on some cyber security relatedtool.
- Learn Linux OS & Kali Linux OS basic command and how

to use those security applications on those OS.

The Sparks Foundation, 1 Months

- The Spark Foundation is a foundation provide internship for students in various domains.
- In the period of internship, they given us 8 tasks and we have to perform those tasks and submit it.
- Each and every task has its difficulty level.
- I have performed 7 tasks out of 8.
- I have gain so much of knowledge in this internship.

PROJECTS

Automation Of Vehicle Fitness Test using CNN, 3 Months

Department Management System, 3 Months

EXTRA-CURRICULAR ACTIVITY

Smart India Hackathon 2020

Participated in the Smart India Hackathon 2020 and emerged as winners at the college level, although not selected for the Grand Finale.

Our noteworthy achievement lies in the development of an Android-based application dedicated to empowering individuals with disabilities.

The application boasts features such as voice assistance for the visually impaired, a job tracker, fitness tracker, and information on government schemes relevant to people with disabilities, demonstrating our commitment to leveraging technology for inclusive and impactful solutions.

NASA: Space Apps Challenge 2020

Took part in the NASA Space Apps Challenge 2020 and, while unfortunately disqualified in the Semi-Final Round, our team made significant strides.

We developed a website dedicated to showcasing the rich history of NASA across the years. Utilizing Figma, we created a comprehensive website workflow to effectively communicate our idea to mentors.

Furthermore, we implemented a dynamic dashboard using React.js to provide a visually engaging and user-friendly experience. Though not advancing to the final stage, our commitment to innovative ideas and effective communication was a testament to our team's skills and dedication.

ACHIEVEMENTS

Won First Prize at MONGO DB Sogeti Innovation Hackathon 2023

We have developed an AI-based solution employing computer vision technology to enhance the safety of workers in industrial areas. This system ensures real-time monitoring to verify whether workers are wearing helmets and gloves, promoting a safer work environment.

Won Best Team Award in Sogeti for AI Artwork Project in 2022

We were honored with an award for successfully delivering a time-sensitive AI/ML-based Python project. This recognition underscores our team's exceptional spirit and collaboration during this crucial project period, highlighting our commitment to excellence in every aspect of our work.