



Arpitha N G

Immediate Joiner | Backend Developer | 2+ Years Experience | Python, FastAPI, Flask, Django | SQL & NoSQL

Databases | Git, GitHub, GitLab | Azure | Power BI.

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SUMMARY

Software Engineer with over two years of experience in designing and developing efficient software solutions. Skilled in problem-solving, system optimization, and delivering high-quality applications that align with business objectives. Adept at collaborating in team environments, adapting to new technologies, and continuously enhancing technical expertise.

WORK EXPERIENCE

Knowledge Lens: A Rockwell Automation Company

August 2022 – October 2024

Software Engineer

Bengaluru

- As a backend developer, developed and maintained RESTful API services, supporting multiple feature rollouts and improving backend system stability.
- Automated backend processes with Python scripts, reducing manual tasks and cutting execution time from hours to minutes.
- Improved large-scale data transfer efficiency in Data Diode applications, reducing latency while maintaining reliability.
- Designed and implemented a secure Edge Installer API for seamless model installation across devices.
- Collaborated on real-time data monitoring systems, gaining hands-on experience with Kafka, Redis, Cassandra, Kairos DB, MQTT, and MinIO.

Knowledge Lens

March 2022 – June 2022

Intern

Bengaluru

- Learned fundamentals, including query optimization and schema design, which supported backend API development.
- Gained hands-on exposure to software development lifecycle (SDLC), contributing to early-stage code reviews and documentation.

EDUCATION HISTORY

Global Academy of Technology, Bangalore.

2018 – 2022

Computer Science and Engineering

B.E

8.5/10

Board Department of Pre-University Education.

2017 – 2018

PCMB

PUC

81.66%

Karnataka Secondary Education Examination Board.

2015 – 2016

91.36%

SSLC

PROJECTS

MomentZS

August 2022 – October 2022

Backend Developer

- Identified and resolved critical and non-critical bugs, improving system stability.
- Listed existing API services to support new feature development.

Technology Used : Python, PostgreSQL.

Data Acquisition

November 2022 – April 2023

Backend Developer

- Developed API service for installing diode models as part of the Edge Installer module.
- Enhanced file transfer processes in the Data Diode application by optimizing code efficiency.

Technology Used : Python, PostgreSQL, Linux.

RTDMS

May 2023 – August 2023

Backend Developer

- Created email utility functions for sending non-attachment emails, streamlining internal communication.
- Worked with distributed systems using Kafka, Redis, Cassandra, Kairos DB, MQTT, and MinIO in a real-time data environment.

Technology Used : Python, PostgreSQL, MongoDB, Kairos DB, Kafka, MQTT, Redis, Cassandra.

UT-POD-3D-VR

September 2023 – November 2023

3D Developer

- Designed and implemented 3D visualizations of environments and objects in Unity for immersive application features.
- Developed layout designs for TAFTCO Line within the Welspun project using 3D modeling tools.
- Created carpets in Emulate3D for Welspun models and explored robotic component simulations to optimize processes.

Technology Used : Blender, JavaScript.

Interco-Kalypso-UT-PepsiCo-Paperless

December 2023 – May 2024

Backend Developer

- Engineered a digital transformation initiative by replacing manual paper workflows with automated digital processes, increasing operational efficiency.
- Optimized frontend performance by debugging and refining code, reducing load times, and improving user experience.

Technology Used : HTML, CSS, JavaScript, Python.

COURSES AND CERTIFICATIONS

Introduction to HTML5

May 2020

Coursera

🔗 <https://www.coursera.org/account/accomplishments/verify/MS55RTQW5T8B>

Programming for Everybody (Getting Started with Python)

May 2020

Coursera

🔗 <https://www.coursera.org/account/accomplishments/verify/D9K6PVCMT69J>

HTML, CSS, and Javascript for Web Developers

August 2020

Coursera

🔗 <https://www.coursera.org/account/accomplishments/verify/S5YR4WUZB4EJ>

DIGITAL SKILLS: WEB ANALYTICS

October 2020

Accenture

🔗 <https://www.futurelearn.com/certificates/rs5tymq>

Microsoft SQL for Beginners

June 2024

Udemy

🔗 <https://www.udemy.com/certificate/UC-bca536a0-e6d4-4ab2-a20e-cf94ae7dfced/>

Python Django For Beginners

September 2025

MindLuster

🔗 <https://www.mindluster.com/student/certificate/6b0a7381>

ACHIEVEMENTS

Flexible Employee

April 2024

Knowledge Lens: A Rockwell Automation Company

- Recognized as 'Flexible Employee' in April 2024 for outstanding adaptability and responsiveness to changing work demands and project requirements.