



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
<ul style="list-style-type: none">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
<ul style="list-style-type: none">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	
<ul style="list-style-type: none">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	
<ul style="list-style-type: none">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	
<ul style="list-style-type: none">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	
<ul style="list-style-type: none">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-Kalpso-UT-PepsiCo-Paperless	December 2023 – May 2024
Backend Developer	
<ul style="list-style-type: none">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.	

Automation Script	June 2024 – October 2024
Backend Developer	
<ul style="list-style-type: none">Designed and implemented Python automation scripts to reduce manual tasks and improve operational efficiency.Improved script performance by applying clean coding practices and modular design. Technology Used : Python.	

SKILL ENHANCEMENT

	November 2024 – Present
<ul style="list-style-type: none">Developed technical skills in Django Framework and Microsoft Azure by completing the Python Django for Beginners course. Applied knowledge to backend development and cloud integration.Achieved Gold Level on HackerRank for consistent performance in Python coding and backend problem-solving. Verified via profile: HackerRank	

SKILLS

- Programming Language** : Python.
- Frameworks** : Fast API, Flask API, Django.
- Database knowledge** : MySQL, PostgreSQL, Cassandra, Kairos DB.
- Version Control & Collaboration** : Git, GitHub, GitLab.
- Operating System** : Windows, Linux.
- Services** : Azure DevOps, Azure Virtual Machines.
- Business analytics tool** : Basics of Power BI Data Visualization.

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	
<ul style="list-style-type: none">Recognized as 'Flexible Employee' in April 2024 for outstanding adaptability and responsiveness to changing work demands and project requirements.	