Keshava Rao's Portfolio

7+ Years in Python: FastAPI in ML, IoT for API Developments in AWS Cloud.

Technical Skills:

> Languages: Python, MySQL, MongoDB, MySQL, PostgreSQL, AHK

> Technologies: AWS, QuickSight, ML, DL

> Frameworks: FastAPI, Pandas

> OS: Linux, Windows

Summary of Skills:

Proficient in FastAPI, Python, Type Annotations, dockers, containers, and pandas. Skilled in machine learning frameworks such as TensorFlow, Keras, and PyTorch.

Education (Computer Science)

> VIT University - B.Tech in Computer Science

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Knowledge/Tools:

PowerBI #AHK #Python #Pandas #Numpy #Keras #JavaScript #PyTorch #TensorFlow #QuickSight #MySQL #MongoDB #MachineLearning #DataScience #ArtificialIntelligence #AI #LLM #ML #Kubernetes #Containerization #Docker #DBMS #FastAPI #AWS #RESTAPI #Pydantic #TypeAnnotations #Pipeline #ProblemSolvingAttitude #CodeReview #ChatBot #SaaS

Awards and Recognitions
- "Performer of the Quarter" for Q1-2022, Q2-2022, and Q4-2023.
- Best Employee in Creative Development Initiatives.
- Consistently met critical deadlines.
- Best Employee in Creative Development for Windows Automation.

Achievements:

- Invited by VIT University as a guest lecturer on **Modern Automation using Python**.
- Received appreciation cards for completing three consecutive deadlines under critical time constraints.
- Led a team initiative to build a recommendation engine, increasing user engagement by 70%.
- Optimized backend processes leading to a 30% reduction in server costs.

Experience and Contributions
Quest Global (Nov 2024 - Present)
Role: Sr. Software Developer and Scrum Master

- Developing applications using AWS, Python, SQL, PostgreSQL and the FastAPI Framework.
- Implementing complex software projects to enhance system performance and reliability.
- Ensuring team adaptability and performance in an Agile environment.
- AWS Extensive Work on Lambda, CloudWatch, S3 and API Gateway

Amazon (2021 - 2024) – 4 Yrs
Role: Sr. Python Developer - Operations

- Developed an automated pipeline system reducing data processing time by 40%.
- Designed scalable APIs with FastAPI, improving reliability by 30%.
- Created real-time dashboards with Amazon QuickSight, reducing AHT by 65%.
- Set up monitoring with AWS CloudWatch and auto-scaling on AWS EC2.

Think & Learn Pvt Ltd (2019 - 2020) – 2 Yrs
Role: Software Developer

- Integrated ML models for personalized content.
- Developed a microservices-based backend, cutting response times by 50%.
- Built ETL pipelines for efficient data handling.

Extra Marks (2018 - 2019) – 1 Yr
Role: Python Developer

- Optimized content delivery, reducing latency by 60%.
- Enhanced platform scalability with Docker and Kubernetes.
- Implemented interactive features for real-time user engagement.

Awards and Recognitions

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- Best Employee in Creative Development Initiatives.
- Consistently met critical deadlines.
- Best Employee in Creative Development for Windows Automation.
- Awarded "Performer of the Quarter" for Q1-2022, Q2-2022, and Q4-2023 for excellence in software development and automation.
- Recognized as the Best Employee in Creative Development Initiatives.
- Awarded for completing critical deadlines consistently.
- Awarded as the best employee for innovation in Q2-2023 and Q1-2024.