Mohammed Rishad V K

Senior Software Engineer

(Python, Django, FastAPI, Postgres, RestAPI, AWS, GCP, Azure, Docker, Golang, Javascript/Typescript, Angular, React)

More than **7 years** of experience working with **Scalable, Reusable, Reliable**, Object Oriented Programming(OOP), Software Development Life Cycle (SDLC) in **Software Development** and **Data Engineering**. I'm a quick learner and highly flexible to adapt to new challenges, take ownership, handle multiple responsibilities and mentoring.

EXPERIENCE

Senior Backend Tools Engineer, Chronext Service Germany GmbH
KÖLN, GERMANY **Aug 2023 - Present**

- Development of internal tools for supply, workshop, logistics, marketing, etc with Python, FastAPI, React.JS and connecting with other microservices.
- Designing and implementing efficient data pipelines using Python, Spark, SQL, Redshift, Airflow, Tableau to support business needs.
- Development of data models, structures and ETL processes.
- Implemented automation solutions to streamline internal workflows and processes, resulting in a significant productivity increase of business process.
- Taking responsibility for releases / deployments of services.
- **Technologies**
  - Python, Django, FastAPI, PostgreSQL, RestAPI, Redis, MySQL, Spark, PostgreSQL, SQLAlchemy, Airflow, Docker, BI, Git, AWS, S3, SNS, SQS, SES, , EC2, EKS, RedShift, React, API Gateway, Docker, Kubernetes, Terraform, Data warehouse, Pandas, NumPy, Tableau

Senior Backend Developer, StudySmarter GmbH
MUNICH, GERMANY (REMOTE FROM INDIA) **Dec 2021 - May 2023**

- Taking ownership for the development and maintaining different learning modes like Practice, Quiz, Spaced Repetition, Type to answer, etc.
- Improvising and adding new features to core products like Flashcards, Documents, Summary, Textbook, Exercises, etc.
- Collaborating with a cross functional team to achieve common business goals.
- Writing unittest, integration, functional, etc to make sure of the quality of the product.
- Peer code review with cross functional teams.
- **Technologies**
  - Python, Django, FastAPI, PostgreSQL, RestAPI, Redis, Celery, RabbitMQ, Docker, Elastic Search, Git, AWS, S3, SNS, CloudFront, Sentry, CloudWatch, EC2, EKS, Docker, Kubernetes, Terraform

Senior Software Engineer, Reckonsys Tech Labs Pvt. Ltd
BENGALURU, KARNATAKA, INDIA **May 2019 - Nov 2021**

- Design and develop robust services in coordination with frontend developers

ADDRESS

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50354, Germany

+49 15510 113900
mohammedrishad.vk@gmail.com

LINKS

- Website
- LinkedIn
- Github
- StackOverflow

SKILLS

Python, Go(Golang), Django, Flask, FastAPI, GraphQL, RestAPI, CSS,, PostgreSQL, JavaScript, Angular, TypeScript, HTML, Redis, Celery, RabbitMQ, Docker, Git, AWS, GCP, API Gateway, PyTest, Airflow, SQLAlchemy, Unittest, Pandas, Linux(Ubuntu), Unix, Jira, Agile

Familiar:
Kubernetes, Spark, Elixir, Phoenix, Node.js, Express JS, PHP, MySQL, MongoDB, SQLite, XML, JSON, Elastic Search, Numpy, Pandas, Mac OS, Windows, Terraform, Kafka, Data Structures, Algorithms

AWARDS & HONORS

- **SayOne Rockstar** – Best Performer (Dec 2018).
- **Winner Djangothon2018** by HackerEarth (1st Prize Winner).
- **Acknowledged** by Google, Microsoft, Sony, Freelancer, Kaspersky, eBay, CRIS, etc. for reporting security bugs.

LANGUAGES

- English (Proficient, C1)
- German (Beginner, A1)
- Malayalam (Native, C2)

and produce well-tested, high quality code.

- Work directly with the business to implement features and understand use cases (US, Europe, India).
- Contribute to design and development of Backend and API using Monolith and Microservice Architecture.
- Contribute to the technical design and development APIs with performance and scalability in mind.
- Some industries worked are Hotel, Sports, Hiring, Transport, Aviation, Healthcare, Analytics, Travel, etc.
- Experience with devops and infrastructure practices and technology like CI, deployment automation, provisioning, Amazon AWS.
- Mentoring and training new joinees and juniors.
- **Technologies**
  - Python, Go(Golang), Django, Flask, FastAPI, PostgreSQL, HTML, CSS, GraphQL, RestAPI, JavaScript, TypeScript, Angular, Elixir / Phoenix, Redis, Celery, RabbitMQ, Docker, Elastic Search, Git, AWS, S3, SNS, SES, CloudFront, IAM, Lambda, EC2, Docker, Kubernetes, Terraform
- **Clients**
  - NuFlights, ClipHire, Pharmallama, TransportSimple,, Acumen Aviation, Kiplist, D8aDriven, Moonllight, Vigna World

Software Engineer, SayOne Technologies Pvt. Ltd

KOCHI, KERALA, INDIA   *Feb 2018 - May 2019*

- Help to develop 5+ web applications from scratch.
- Managed team of 4 members including Backend and Frontend Developers.
- Developed a highly scalable ecommerce SaaS platform for independent pet retailers with Django and Postgres. (Worked on DB Design, Dashboard(Role, Orders, Invoicing, Products, Theming, Coupon, Offers) and Frontend Pages, etc)
- Design and develop robust services in coordination with frontend developers and produce well-tested, high quality code.
- Work directly with the client to implement features and understand use cases.
- Developed and maintained an article website for big data, blockchain, and artificial intelligence having insights and jobs..
- **Technologies**
  - Python / Django, Flask, PostgreSQL, HTML, CSS, JavaScript, TypeScript, Angular, Celery, Redis, Elastic Search, RestAPI, Git, SendGrid, Kafka
- **Clients**
  - eTailPet, FeedMyFurBaby, Datafloq, Mavin, BeCo, ProteinForPets,

EDUCATION

University of Calicut — *M.Sc Computer Science*

MALAPPURAM, KERALA   *2014 - 2016*

- **Blue Card Eligible - EU / German**
- **Cumulative Grade Point Average(CGPA): 7.13/10 (71.3 %) - A grade**

University of Calicut — *B.Sc Computer Science*

MALAPPURAM, KERALA   *2011 - 2014*

- **Cumulative Grade Point Average(CGPA): 2.76/4 (69 %) - B grade**

INTERESTS

- Open Source Contribution
- AI/ML/Data
- Web Security Research
- Mentoring
- Continuous Learning
- Photography
- Travel
- Football (Soccer)