

Mohammed Rishad V K

Senior Software Engineer

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

More than **8 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 GmbH

KÖLN, GERMANY

Aug 2023 - Present

- Development of internal tools for supply, workshop, logistics, marketing, etc with Rust, Python, FastAPI, React 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 workflows and processes, resulting in a significant productivity increase of business processes.
- Taking eze responsibility for releases / deployments of services.
- **Technologies**
 - Rust, Actix-web, Tokio, Python, Django, FastAPI, Go, PostgreSQL, Rest API, 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, Go, PostgreSQL, Rest API, Redis, Celery, RabbitMQ, Docker, Elastic Search, Git, AWS, S3, SNS, CloudFront, Sentry, CloudWatch, EC2, EKS, Docker, Kubernetes, Terraform

ADDRESS

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LINKS

- [Website](#)
- [LinkedIn](#)
- [Github](#)
- [StackOverflow](#)

SKILLS

Python, Go(Golang), Django, Flask, FastAPI, Rust, Actix-web, Tokio, GraphQL, Rest API, CSS, PostgreSQL, JavaScript, Angular, React, 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)

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 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 joiners and juniors.
- **Technologies**
 - Python, Go(Golang), Django, Flask, FastAPI, PostgreSQL, HTML, CSS, GraphQL, Rest API, 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](#), Moonlight, Vigna World

INTERESTS

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

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](#), [Dataflog](#), [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**

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