

Mehul Sethi

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LinkedIn: <https://www.linkedin.com/in/mehul712/>

Abstract: Software Engineer with 7 years of experience in Backend-focused Fullstack development

EXPERIENCE

AUTOScout24 | SENIOR SOFTWARE ENGINEER

July 2024 - Present | Munich, Germany

- Working in **Trust and Identity** team. Building products for Customer Identity management for 29 million users: registration, login, SSO, machine to machine (M2M) using AWS and Okta CIAM.
- Leading efforts for Autotrader's CIAM integration into Autoscout24 Okta CIAM.
- Tech used:** Java, AWS, Scala, Typescript, Spring Boot, JUnit, Mockito, DynamoDB, Kafka, Kubernetes, Docker, Terraform, React, Play framework, Redux, Okta identity, OAuth2.0

PAYBACK | SENIOR SOFTWARE ENGINEER

Nov 2022 - June 2024 | Munich, Germany

- Worked in **Global Realtime campaigns** team. Built products like challenges campaigns (e.g. stamp-card and coffee collector) and frequency campaigns that enabled real-time campaign configuration and offer assignments based on user activity.
- Worked on the design, development, and deployment of campaign products used by the partners which target around 10 million active users in Germany, Austria, Italy, Poland, and Mexico.
- Worked with product and business to define product roadmap and lead the system design discussions. Mentored several new joiners and juniors.
- Some key milestones: Spearheaded Spring Boot upgrades for backend services, Migrated Production DB to use encryption via Google Cloud's CMEK, won PAYBACK Hackathon 2023.
- Tech used:** Java 11/ 17, Spring Boot, JUnit, Mockito, OpenAPI, Postgres, Kafka, Kubernetes, Docker, Terraform, GCP, Angular, Typescript

HUBSPOT | SOFTWARE ENGINEER

Jun 2022 - Sep 2022 | Munich, Germany

- Worked in the **Marketing Email backend** team as a Software Engineer. Worked on email product segments like editing, templating, publishing, and A/B testing. Customers used the product to send 2 billion emails per month.
- Worked on access control project (called '**Seats**') for different user roles. Moreover, led the migration of the acceptance testing framework, and introduced the JinJava-based templating.
- Tech used:** Java 11/ 17, Spring Boot, Dropwizard, Kafka, JUnit, Sentry, Grafana, Kibana

SIEMENS | SOFTWARE ENGINEER

Jul 2021 - Apr 2022 | Munich, Germany

- Worked in the Chatbot development team. Worked on developing MS Azure-based chatbots, especially leveraging the cognitive services of LUIS (NLU).
- Worked on building the backend and frontend for the new custom's tax chatbot using Java and React.
- Tech used:** Java 11, React, MS Azure, LUIS(NLU).

SKILLS

PROGRAMMING LANGUAGES

Java • Python • Javascript

DATABASES

MySQL • Postgres • MongoDB

SOFTWARE DEVELOPMENT FRAMEWORKS

SpringBoot • Dropwizard • Django

OTHER TOOLS AND TECHNOLOGIES

AWS • GCP • Docker • Kubernetes • Kafka • Linux • Git

EDUCATION

VIT UNIVERSITY

BACHELOR IN
INFORMATION
TECHNOLOGY

Vellore, Tamil Nadu,
India

July 2013 - June 2017

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EXPERIENCE

CLEARTAX | SOFTWARE ENGINEER

Apr 2019 - Mar 2021 | Bangalore, India

- Worked in the **Goods and Services Tax (aka VAT)** team. Worked on important features like tax preparation, government API interaction, and report generation. Actively participated in system design discussions, code reviews, interviews, sprint planning, and codebase refactoring.
- Worked on designing and developing the '**government interactions service**' and segregating it from the monolith service. It was a service responsible for downloading data from the government at a scale of more than 100 thousand invoices within 20 minutes. Having 5x better speed and reduced error rates than the older monolith implementation improved customer satisfaction.
- Worked on the end-to-end design, development, and delivery of a '**proxy microservice (called Prism)**' for building a data repository of general information and tax-filing information of businesses. This data repository was intended to provide business intelligence in future use cases like giving loans, business partnerships, and targeted marketing.
- **Tech used:** Java 8/ 11, Spring Boot, Dropwizard, Docker, Kubernetes, MySQL, AWS (EC2/ S3/ SWF), JUnit, Kafka, Mongo.

CISCO SYSTEMS | SOFTWARE ENGINEER

Jul 2017 - Apr 2019 | Bangalore, India

- Worked in the **Global Infra Services** team. Worked on the '**service assurance dashboard**' for parsing and displaying alerts to be used by system engineers. Built the backend from scratch using Python's Django Rest Framework and Postgres. The service parsed the alert logs received on a mailbox; correlated alerts based on the recent occurrence of similar alerts from Redis, and supported user actions like - commenting, acknowledging, and resolving.
- Worked on **Infrastructure as Code 'API-Router' backend** application. It was a REST service for accepting, processing, and routing change requests to enforcers like Ansible and Puppet. The purpose of the service was to manage infrastructure through API requests.
- **Tech used:** Python, Django REST Framework, Postgres, Redis.

LANGUAGES

ENGLISH

full working proficiency

HINDI

native or bilingual proficiency

GERMAN

limited professional proficiency