

# Anis Khan

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Düsseldorf, Germany 🏠

## Site Reliability Engineer | Trivago

OCT 2020 – PRESENT

- Migrated monolithic application to microservices and deployed in Kubernetes environment
- Introduced postmortem practice to have better visibility of incidents and learning points
- Made applications more observable by implementing SLIs and SLOs
- Aligned with Product owners to have error budgets in backend services
- Preached GitOps and IaC practices and implemented with Terraform and ArgoCD
- Coached developers to follow good practices for writing Dockerfile and Helm charts
- Coached developers to make Grafana dashboards to monitor different aspects of applications
- Presented Tech Radar and its benefits in company tech get-together and launched for internal use

## Senior Software Engineer | Pathao

JAN 2019 – SEP 2020

- Configured system and application metrics monitoring in Kubernetes using Prometheus and Grafana
- Configured logging architecture for applications in Kubernetes cluster with Influx DB and Fluent Bit
- Load tested services to measure and ensure optimized resource usage in the production system
- Made unified suspension management system using REST for different verticals and clients
- Helped designing the back-end architecture of *Pathao Shop*, the e-commerce system with search
- Helped my team and individuals to learn better code management, linting and version controlling

## Software Engineer | Pathao

OCT 2017 – DEC 2018

- Improved traffic supply by managing stale Riders and providing ability to select preferred destination
- Built Back-end of *Pathao Food*, some helper services *Pathao Ride* and *Pathao Location Search*
- Various REST API implementation with Go/Golang. Familiar with GraphQL and gRPC as well
- Followed CLEAN architecture and SOLID principle for delivering maintainable software
- Configured secure secret management with *Vault* and service discovery with *Consul*
- Achieved up to 95%+ code coverage on different services with unit and integration tests
- Reduced CI/CD runtime duration by 60% by rearchitecting flows and writing optimized Dockerfile

## Software Engineer | Futurism

MAY 2016 – JUN 2017

- Wrote Meteor app to give writers/producers ability of content creation without reaching to WP site
- Made Slack bot to bring relevant Reddit submissions to writers so they have the topics to write next
- Automated image upload to Pinterest via API to create backlinks for articles and videos
- Made a mini-site builder app to easily create a simple static website within minutes
- Made a custom VCS for the video production system to preserve edit history
- Built a Chrome Extension for easy data filtering of Google Analytics

## Software Engineer | Point Hacks

FEB 2015 – APR 2016

- Reduced app loading performance by 52% (from 8.5 seconds to 4.1 seconds) by optimizing JavaScript
- Built a few apps with NodeJS for internal tooling. Angular, Sails, Express frameworks were used
- Prevented bot from pinging site continuously with the help of Segment data tracking
- Improved UX and visibility by making various custom theme widgets, plugins, and shortcodes for WP

## Full Stack Developer | LMS Foundation

DEC 2013 – DEC 2015

- Made various custom plugin to do various things on the WP site
- Extensively customized WP Kiddo theme to create a WordPress site from scratch
- Created a search system which provides suggestions of related topics based on interests
- Optimized search result algorithm to improve the load time which contains more than 20000 records