# MOHAMMAD YOUNUS SHAIK

## *SOFTWARE ENGINEER III*

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in Mohammad Younus Shaik

## 📇 Summary

- Experienced backend developer with 2+ years of experience in optimizing applications for speed and scalability, collaborating with front end developers and product management, and solving any challenge.Promoted twice in 12 months.

## 💼 Professional Experience

**Software Engineer III,** *Shaadi.com* ⧉                2021 Jul – present | Mumbai, India
- Shaadi.com, the world's largest online matchmaking site in which search mechanisms play a key role.
- Converted a monolithic search function into a microservice using **Java and Kotlin Ktor**.
- This includes 100% migration of shaadi.com's mailers, matches and SEO pages with proper AB experiments, cut down of 25% latency and tracking of orders.
- Developed key functions of the search service, such as pagination and refinement APIs, using **Redis Cache, MySQL, ElasticSearch, and Singleton async connections.**

**Subject Matter Expert,** *Chegg* ⧉                2021 Feb – 2022 Mar | Remote, India
- Solving solutions to advanced questions from Computer Science and Engineering textbooks.
- Online answering of 200+ CSE questions posted by students such as data structures, programming and competitive coding.

**Web Development Intern,** *Aashram TechSol* ⧉                2021 Mar – 2021 Jun | Bangalore, India
- Worked on the **Donate Kart** ⧉ project, which is an online donation platform created utilizing the **PHP** programming language and the **MySQL** database.
- Developed HTML and CSS for the front end (mainly using Bootstrap and CodePen).
- PHP is used to design a campaign and authenticate donor information on the login/signup page. MySQL is used to store campaign, donor, and user information.

**Technology Intern,** *50Hands* ⧉                2020 May – 2020 Jun | Remote, Canada
- It provides information about the trend analysis, Containment rate of the cases that occurred during the Covid-19 pandemic includes the data of the countries USA, India, and Canada.
- Data is fetched through public APIs with the help of **Python** provided by government ministries in the respective countries and displayed on web pages applying **HTML, CSS, and React.js**.
- Enhanced page performance by implementing **Redis cache, reducing redirects, and implementing async loading**.

## 🎓 Education

**BTech Computer Science,** *VIT University* ⧉                2017 Jul – 2022 Jun | Amaravathi, India
- An overall GPA of 8.62 was achieved.
- An excellence award was earned for the **Swarm Robotics** ⧉ project.
- Awarded 2nd place in the short film competition for the film **Disabilities With Ability**.

# Skills

- Java
- MySQL
- Cloud Computing
- DynamoDb
- Kotlin
- PHP
- Data Structures
- Kibana
- Node Js
- Ktor
- Git
- AWS
- Elastic Search
- Web development
- Python

# Projects

**Court Case Management System** ☐                                          2020 Jan – 2020 Jun
- Built this website for VIT-AP School of Law using MySQL and PHP which has three modules: clients, lawyers and admins.
- Clients can register their complaints, choose from available lawyers and monitor the case's progress. Admins can update hearing dates, case status, and courts assigned.

**Android News App** ☐                                                     2020 Jan – 2020 Jun
- An app that shows breaking news, headlines, and searches for articles from news sources and blogs all over the web using the News API.
- Here I have accessed the News API. This is a straightforward HTTP REST API for looking at and retrieving live articles from all over the web using Java, XML, and Android Studio.

**Swarm Robotics** ☐                                                        2019 Jun – 2020 Jan
- The aim of this project is to build Master and Slave robots, where the slave robot follows the instructions of the master robot. This behavior is called Swarm Robotics.
- Programmed two robots using C language that communicate and coordinate among themselves and integrated with Micro Controller 8051 boards.

# Certificates

**DataStructures** ☐
Coursera

**Java for Android** ☐
Coursera

**Advanced Java Programming** ☐
LinkedIn Learning

**Learning SQL Programming** ☐
LinkedIn Learning

**Algorithm Toolbox** ☐
Coursera

**Learning Amazon Web Services (AWS) for Developers (2018)** ☐
LinkedIn Learning

**Hands-On Kotlin Web Development with Ktor**
Udemy

**Python: Programming Efficiently (2017)** ☐
LinkedIn Learning

# Interests

**Stock Market**
IPO and Long-Term Investing trader

**Chess**
Won 2nd price in district level.