

# MOHAMMED FARHAN KHAN

Database Engineer | SQL | Python

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## CAREER OBJECTIVE

Backend Developer skilled in building scalable web applications using Python (FastAPI, Flask). Experienced in designing, managing, and optimizing high-performance databases and developing data-driven solutions such as financial management systems with efficient and seamless workflows.

## EXPERIENCE

### Python Developer

#### Technorizen Software Solutions

- 04/2025 - Present Indore, India
- Built and managed API's and deploy it on Server single handedly.
  - Worked on a cloud based project and financial management system, reducing server downtime by 15% and enhancing API authentication.
  - Optimized backend processes using Python and enhanced query execution time by 20%.

### Trainee Software Engineer

#### Felicia Technologies LLC

- 07/2024 - 12/2024 Bur Dubai, Dubai
- Transformed Felicia Technologies static website into a dynamic and user friendly platform.
  - Developed a dynamic client management system, improving user experience and data management by integrating email and contact support features.
  - Collaborated with cross-functional teams to optimize backend processes using Python and Firebase, enhancing system efficiency.
  - Implemented data import and export features for PDF and CSV formats.

## EDUCATION

### Bachelor of Technology in Computer Science Engineering

#### RGPV University, Bhopal

08/2020 - 06/2024 SDITS, Khandwa CGPA- 8.2

### Senior Secondary

#### MP BOARD BHOPAL

2020 Khandwa, M.P % 72.8

### Higher Secondary

#### CBSE BOARD

2018 Khandwa, M.P % 65.6

## STRENGTHS

### Team Collaboration

Strong ability to work collaboratively in team environments.

### Problem-Solving

Identified and resolved critical database performance issues.

### Adaptability

Quickly adapts to new technologies and methodologies.

## ACHIEVEMENTS

### Smart India Hackathon (SIH) 2023

Led a government-approved program, resulting in innovative solutions for social challenges.

### TCS National Qualifier Test (NQT):

Qualified in the first attempt in 2024 with an honor score of 74.3%.

## PROJECTS

### Client Management System

Developed a Client Management System with Firebase backend for data entry, along with features to export data to PDF and CSV and import data from CSV files. The frontend includes a user-friendly dashboard with advanced filters for efficient data management.

### Ryze Financial Advisor

(Python, FastAPI, PostgreSQL, SSH SERVER)

- Developed robust RESTful APIs for user management, financial data, and loan processing, ensuring secure authentication and data integrity .
- Optimized API integration, improving checkout process by 15%.
- Designed and optimized database schemas and queries

### Employee Management System (EMS)

Developed an Employee Management System (EMS) to track employee details, attendance, payroll, and performance. Also implemented complex queries for generating reports on performance, payroll, and attendance.

## INDUSTRY SKILLS

### Database Design and Optimization

Expert in designing normalized databases, creating stored procedures, and writing optimized SQL queries.

### Server handling with complete backend

Managed SSH server backups, maintenance, and monitoring with integrated API management.

## TECHNICAL SKILLS

### Database Design

### Built and deployed APIs

### Python

### Backup and Recovery

### SSH Server

### AWS

### DBMS

### SQL

### FastAPI

### Flask

## CERTIFICATION

### Web Development

Data Flair | Jan 2024

### Python Certification

Data-pro Computers | Mar 2021 – Apr 2022

### Big Data Specialization – Coursera

(Ongoing, 2024)

## SOCIAL LINKS

### GITHUB

https://github.com/mohdfarhan7

### LINKEDIN

https://www.linkedin.com/in/mohdfarhan7