# Mohd Shoib

Software Developer

⊙ Bangalore (KA)  📞 +91 7483982502  @ mshoibkhan@outlook.com  🔗 Web Portfolio   GitHub: https://github.com/Shoib007

## Experience

### K12 Techno Services — March 2022
Software Developer — Bangalore

- Working on ERP software that manages school relationships among School staff and students with Django, Redis, and RestAPIs.
- Developed APIs that manage teachers their class, and students.
- Implemented caching that improves 60% of API performance.
- Identified and resolved performance bottlenecks in existing Django applications, resulting 30% improvement in response times and overall system efficiency.

### D.A.V. Academy Tanda — Aug 2019 - Nov 2021
CS and AI Lecturer — Ambedkar Nagar, UP

In 2 years taught and guided students through the process of Coding, Artificial Intelligence and web development.

1. Taught coding to over 200+ students in the 2 years.
2. Applied innovative teaching methods to encourage students learning objectives.
3. Mentored students under my leadership, steering them toward becoming highly skilled software developers in the future.

## Projects

### CRM Software
🔗 https://github.com/Shoib007/trainingManagementSystem

- Designed robust CRM (Customer Relationship Management) software using Django, React, PostgreSQL, and Docker.
- Implemented Redis caching to improve system responsiveness and minimize database load, resulting in faster data access and improved user experience.
- Developed RESTful API design principles to facilitate seamless communication between the frontend and backend components of the CRM application.
- Utilized unit testing with tools like Pytest to maintain code quality and identify potential issues early in the development lifecycle with 80% + code coverage.

Django, Python, React, JavaScript, Redux, Docker, Microservices

### Hackathon Plateform
🔗 https://github.com/Shoib007/hackathon_backend

- Designed and developed a robust and scalable Hackathon Platform with an Online Code Editor using Monaco, React, Django, PostgreSQL, and following MVC architecture.
- Implemented core functionalities for user management, microservices, and enhancing the overall user experience.
- Implemented comprehensive unit tests using **pytest**, achieving 90% test coverage to validate the functionality and reliability of the codebase.

Python, Django, React, JavaScript, Docker, Microservices, PostgreSQL

## Skills

| | | | | |
|---|---|---|---|---|
| Python | JavaScript | Django | Docker | AWS |
| Kafka | Rest API | MySQL | PostgrySQL | NoSQL |
| React | Redux | Microservices | | |

## Education

### Ram Manohar Lohiya Awadh University — June 2017 - June 2021
Bachelors of Arts
English Literacy

### Scaler Academy — June 2022 - Present
Software Developement — Certification

### Udemy — April 2021 - May 2021
Advance Python Certification — Certification

### Udemy — April 2021 - May 2021
Ethical Hacking — Certification