

SYED MAHAD EHSAN

Senior Software Developer

MAIN OBJECTIVE

Senior Backend Software Engineer with 5+ years of professional experience designing, building, and maintaining scalable, cloud-hosted SaaS platforms using Python and Django. Strong background in distributed systems, RESTful API design, asynchronous processing, Redis-based queuing, CI/CD automation, and AWS cloud infrastructure. Experienced across the full software development lifecycle, including planning, implementation, testing, deployment, post-release maintenance, and mentoring junior engineers.

CONTACT DETAILS

Cell: 0342-2170411

Email: mahad.ehsan@gmail.com

LinkedIn: www.linkedin.com/in/syed-mahad-ehsan/

Portfolio: mahadehsan.com

Address: A-16, Decent Homes, Block-11, Gulshan-e-Iqbal, Karachi.

COURSES & CERTIFICATIONS

- AI For Everyone - Coursera
- Make Your Own Robotics - EDVON
- Android: User Interface - Udacity
- Android: User Input - Udacity
- Android: Multiscreens App - Udacity

SKILLS

Languages: Python, JavaScript

Frameworks: Django, Flask, React, React Native

Backend & Architecture: REST APIs, SOA, Distributed Systems, Asynchronous Processing

Frontend: React (Vite), JavaScript, HTML, CSS

Databases: MySQL, PostgreSQL, MongoDB, DynamoDB, Firebase Realtime DB

Caching & Queues: Redis

Cloud & DevOps: AWS (EC2, S3, RDS, Lambda, Elastic Beanstalk), Azure, GCP, Docker

CI/CD: GitHub Actions, AWS Elastic Beanstalk, S3, CloudFront

Version Control: Git, GitHub, GitLab, Bitbucket

Testing: Unit Testing (Django TestCase), API Validation

WORK EXPERIENCE

Diya Interactive

○ *Senior Software Engineer | July'24 - Present*

○ *Software Engineer | June'23 - July'24*

- Design and develop scalable backend services and RESTful APIs using Python and Django for a production SaaS platform.
- Own backend features end-to-end, from requirements analysis to deployment and post-release support.
- Implement and maintain CI/CD pipelines for backend services using AWS Elastic Beanstalk.
- Develop and deploy React-based internal tools and dashboards using Vite.
- Build frontend CI/CD pipelines using GitHub Actions, deploying React applications to AWS S3 and CloudFront.
- Implement Redis-backed background processing and scheduled jobs to handle large data ingestion workflows
- Write unit tests using Django TestCase to ensure code quality and prevent regressions.
- Review pull requests, mentor junior engineers, and contribute to architectural discussions.

KNYSYS, LLC

○ *Associate Software Developer | Sept'22 - May'23*

○ *Junior Software Developer | March'21 - Sept'22*

- Contributed to the development of distributed backend systems using Python and Django.
- Designed and delivered REST-based APIs supporting complex business workflows.
- Built asynchronous processing pipelines using Celery and Redis to improve throughput and fault tolerance.
- Implemented scheduled tasks, background jobs, and database integrations.
- Worked with AWS and Azure cloud services across multiple environments.
- Prepared well-documented technical reports on challenges faced.

Bitrupt

○ *Full-stack Developer Intern | Feb'20 - May'20*

React Native

- Developed React and React Native applications from initial implementation to deployment.
- Built frontend features and integrated backend services using Firebase and SQLite.
- Collaborated with senior engineers in an agile development environment.

ACADEMIC HISTORY

DHA Suffa University

Batch of 2016 - 2021 (Feb) | Computer Science

- 3.5 CGPA