Abdul Muiz Khan

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PROFESSIONAL SUMMARY

Senior Full Stack Engineer with 5+ years of experience designing and delivering scalable microservices and AI-integrated solutions using Python (Django, FastAPI) and React.js. Proven track record of leading cross-functional teams to implement 25+ features, improving backend performance by 30%, and reducing defects by 75%. Skilled in cloud DevOps (AWS, Azure), CI/CD automation, and advanced AI/NLP integration including ChatGPT and Azure Cognitive Services

WORK EXPERIENCE

Senior Software Engineer, Devsinc
Nov 2023 — Present | Lahore, Pakistan

- Led bi-weekly planning and architecture discussions driving the implementation of 25+ new features for multiple projects using Python.
- Achieved a 95% testing success rate by fostering collaboration between development, QA and product teams.
- Spearheaded redesign and development of three major applications, creating a unified platform that enhanced functionality and performance by 30% for 70% of users within 4 months.
- Established Python development processes, reducing defects by 75% and improving code maintainability by 50%.
- Automated deployment pipelines with CI/CD, reducing deployment time by 30% while integrating Python, Django, FastAPI and React in web application development.
- Managed AWS resources, optimizing performance and reducing management costs by 20% for multiple small-sized organizations.

Full Stack Python Developer, Devsinc
Aug 2020 — Oct 2023 | Lahore, Pakistan

- Developed scalable microservices using Django, Flask, and FastAPI, resulting in a 30% performance increase across five projects and enabling seamless data communication between services.
- Identified and addressed backend performance bottlenecks, removed code debt targeting a 20% improvement in system response time.
- Integrated payment services including Stripe, Apple Pay and Google Pay to increase revenue collection for a healthcare platform by 70%.
- Programmed new features like interactive dashboards and real-time analytics, to potentially drive a 30% boost in user interaction and data.

SKILLS

Backend: Python, Django, FastAPI, Flask, Node.js, Ruby on Rails, Java, .NET

Frontend: React.js, Vue.js, JavaScript, TypeScript

Database: PostgreSQL, MySQL, Redis, MongoDB, DynamoDB

DevOps: AWS, Azure, GCP, Alibaba, CI/CD, Jenkins, Docker, Kubernetes, Datadog, Github Actions

Testing: pytest, unittest, jest, robot

Management Tools: GitHub, GitLab, Jira, Trello, ClickUp, Azure DevOps

CERTIFICATIONS

Microsoft Python Development Professional, Microsoft

AWS Cloud Practitioner Essentials, AWS Learning Program

PROJECTS

Creative Realities, An Ishowroom Solution

Oct 2022 — Aug 2025

- Implemented an Ishowroom solution based on microservices including catalog, inventory and enrollments.
- Migrated legacy codebase to a modern tech stack and improved infrastructure.

Microsoft Research, A cloud reservation system

Sep 2023 — May 2025

- Engaged with Microsoft team as a full-stack developer to implement migration of an in-house product using React.js and Python (FastAPI).
- Implemented deployment pipeline using Azure services and set up monitoring with DataDog.

Terrascope, A real estate application

May 2022 — Nov 2023

- Led the development team to migrate the system from a legacy implementation to advanced technologies like Python and React.js.
- Added new product features such as Google Maps integration and authentication/authorization.
- Migrated infrastructure from a basic Heroku deployment to AWS services (EC2, EBS, S3, Amplify, and Lambda).

KUDO AI, An interpreter assistance tool

Nov 2020 — Aug 2022

- Worked with cross-functional teams to develop web-based solutions that include building APIs and microservices to communicate with each other and perform NLP-based tasks required for interpretation.
- Leveraged Python/Django for the backend solution and Flask for microservices implementation.
- Integrated third-party services like Azure Cognitive Services, DeepL and OpenAI for optimized text results.

Beam Health, An EHR application

Aug 2021 — Aug 2022

- Developed an EHR-based application to bridge online appointment gaps between consultants and patients.
- Developed core features including video conferencing using React.js and Python (Django).
- Integrated payment gateways including Stripe, Apple Pay and Google Pay for smooth transactions.

Gapeto, AI chatbot

May 2024 — Aug 2025

- Developed an AI chatbot that registers various brands and assists with FAQs and campaign-specific client interactions.
- Integrated ChatGPT to enhance customer responses, providing personalized and dynamic engagement across multiple applications.

EDUCATION

Bachelors in Software Engineering, Punjab University College of Information Technology

Lahore, Pakistan   Sep 2016 - May 2020