

HUZAIFA ATHAR

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Summary

Full Stack Developer with 5+ years of experience building production-grade web applications using Django, FastAPI, React, and Next.js. Skilled in designing scalable backend systems, building RESTful APIs, and delivering responsive and intuitive frontend interfaces. Experienced working on AI-integrated products including chatbot platforms, document-context features, and real-time analytics dashboards. Comfortable across the full development lifecycle from design and implementation to deployment on AWS, collaborating effectively with cross-functional teams.

Experience

DigitLabs – Sept, 2024 - Present

Full Stack Engineer

- Developed the backend for an AI-powered chatbot platform using Django, building and maintaining APIs that managed communication between the frontend and language model services.
- Built an attachment module allowing users to upload documents and provide contextual input to the chatbot, enhancing response quality.
- Designed and delivered analytics dashboards displaying chatbot usage metrics, query trends, and session insights.
- Implemented asynchronous task processing using Celery and Redis, improving background job performance and overall application responsiveness.
- Built and optimized Django/PostgreSQL backend workflows for a battery testing logistics platform, including integrations with multiple external APIs.
- Collaborated with data scientists and cross-functional teams to integrate backend services with reporting, analytics, and ML-driven insights.
- Enhanced real-time reporting by implementing structured query logic and reducing unnecessary data duplication across modules.
- Participated in code reviews, maintained technical documentation, and contributed to improving team development standards.

MTP – Feb, 2022 - Aug, 2024

Software Engineer

- Worked across multiple applications, developing backend services in Django and FastAPI based on project requirements and performance needs.
- Built and maintained RESTful APIs in Django and FastAPI for seamless frontend-backend data exchange across multiple products.
- Developed FastAPI microservices for performance-critical services, improving response times and overall system scalability.
- Built frontend interfaces using React and Next.js, delivering responsive and user-friendly experiences across multiple products.
- Managed backend systems in Django and PostgreSQL, ensuring database integrity and optimized query performance.
- Ensured seamless integration of frontend and backend components for enhanced product functionality and user experience.
- Handled deployment tasks on AWS (EC2, S3, CloudWatch), promptly resolving issues to maintain optimal performance and scalability.
- Managed technical documentation, ensuring all resources were documented in a clear, concise, and organized manner.

Codegic – Aug, 2020 - Feb, 2022

Associate Software Engineer

- Spearheaded frontend development of new modules using React, enhancing overall functionality and user experience across Codegic's products.
- Implemented and maintained reusable frontend components, improving code consistency and development efficiency across the team.
- Enhanced data handling efficiency by implementing reusable service layers and structured query logic on the backend.
- Collaborated closely with cross-functional teams to gather requirements and translate them into responsive, intuitive user interfaces.
- Conducted maintenance tasks for existing products, keeping them up to date with the latest technologies and responsive design principles.
- Contributed to improving user interfaces by addressing user feedback and enhancing overall usability.
- Performed debugging and optimization across frontend and backend to improve product stability and performance.
- Participated in code reviews to ensure code quality, consistency, and compliance with team standards.
- Played an active role in Agile processes, attending sprint planning, daily stand-ups, and retrospectives

Education

Bachelor's Degree in Computer Science

University of Central Punjab,

Final Year Project in Machine learning & Image

Processing.

Lahore, Pakistan

F.Sc Pre-Engineering

Punjab Group of Colleges,

Lahore, Pakistan

Skills & Expertise

Programming Languages & Frameworks

Python, FastAPI, Django, SQL, Pandas, NumPy, React.js, WordPress, JavaScript, HTML, CSS, Redux, ES5/ES6, TypeScript, Webpack, Websockets, MaterialUI

Software Tools

AWS (EC2, S3, CloudWatch), GitHub, Docker, Excel, Google Sheets, VS Code, Jira, Slack, Postman.

Data Storage and Databases:

MySQL, PostgreSQL, JSON Structured Data.

Development and Deployment:

Docker, Git, AWS (EC2, S3, CloudWatch), Azure

Communication & Interpersonal

Effective communication, Collaboration, Technical articulation, Problem-solving, Adaptability, and Team-oriented mindset.