

Abdullah Mujahid



Full Stack Software Engineer

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SUMMARY

Full Stack Software Engineer with 4+ years of experience in Python (Django, FastAPI) and JavaScript (React, Next.js, Node.js). Skilled in developing scalable web applications, integrating APIs, and optimizing performance. Passionate about innovative technologies and collaborative problem-solving.

EXPERIENCE

Carte Blanche, Lahore, Pakistan — Senior Full Stack Software Engineer

May 2021 - PRESENT

- Worked as a full-stack developer with both product and project teams, creating scalable backends with Django/FastAPI and intuitive frontend designs using React/Next.js.
- Integrated multiple third-party services including Stripe, SendGrid, OpenAI, and Mixpanel, while also developing custom applications for enhanced functionality.
- Leveraged cutting-edge technologies like LLMs, Langchain, and crewAI for innovative solutions, while managing deployments across AWS, Vercel, and Heroku platforms.
- Apply agile methodologies and project management tools like ClickUp, Monday, and Trello.

Global Group One, New York, USA (Remote) — Development Lead

Jan 2023 - August 2023

- Led the development of their product as both lead developer and project manager from requirement gathering to production deployment.
- Directed technical strategy and implementation, utilizing Django for backend, React.js for frontend, & AWS for deployment, ensuring high-quality solutions. Following best design patterns and practices.

BMJ Consultants, Northern Ireland, United Kingdom (Remote - Contract) — Python Engineer

Jan 2021 - May 2021

- Developed a scalable Python-based application for managing over 600 farms.
- Collaborated with the client to deliver a tailored solution optimizing farm management processes.

EDUCATION

University of Management & Technology, Lahore, Pakistan — Bachelor of Computer Science

August 2017 - May 2021

- CGPA: 3.57/4.0 | Rector's Award for perfect GPA of 4.0 in a semester.
- Developed MERN stack social e-learning app and React Native hybrid mobile app.
- Published a research paper on artificial intelligence with over 250 citations.

TECHNICAL SKILLS

• Python • JavaScript • Django • React.js • Next.js • Agile • FAST API • PostgreSQL • MYSQL/MariaDB • Redis (1) • MongoDB • Tailwind • MUI • Design Patterns • TDD • AWS • Clickup • Github • React Aria Components • Radix UI • Vite • Clickup • Figma • Zeplin • Node.js • React Native • Microservices • System Design

PROJECTS

Hirecinch (Applicant Tracking System): I developed features for both the front end using React.js and the backend using Django. I led a major refactoring project to update the product with new design standards, focusing on scalability and efficiency. I optimized backend processes and improved frontend usability, including implementing a billing system with Stripe's API, integrating AI, customizing workflows, and integrating a Resume Parser microservice. Additionally, I created a Custom Career Page for organizations and used SendGrid to enhance email communication between users and applicants.

Tech Used: Django, React.js, Next.js, Node.js, AWS, PostgreSQL, MUI, Tailwind, Redis

LKSY: I developed LKSY for JILAEE, a project named "Learning by Teaming" that uses Django for the website and is hosted on Heroku. The site allows users to complete coding tasks using Scratch, with tasks and submissions managed through AWS S3 and tested with the Whisker framework on AWS Lambda. I also set up Redis for background tasks and Celery for managing them. The site features a Custom Career Page and integrates SendGrid for email communication. The project supports task handling and user feedback, and includes local setup instructions for development.

Tech Used: Django, Heroku, AWS, Celery, Redis

Deals 4 Autos - Car BDC Service: I led the development of the Deals4Autos website and web application using React.js, Django, PostgreSQL, and WordPress. I revamped the system from PHP to React and Django, improving efficiency and modernizing the platform. I integrated payment systems with Wells Fargo Bank, Stripe, and PayPal, and developed a customizable dashboard for user personalization. Additionally, I built a scalable backend infrastructure, migrated the server environment from cPanel to AWS, and ensured optimal performance and reliability.

Tech Used: Django, React.js, WordPress, CPanel, PostgreSQL, AWS

Arisbe: I worked with the project team to develop and deploy Arisbe, an e-learning platform using Django for the backend and React.js for the frontend, hosted on AWS. The platform supports virtual classes with Zoom integration, allows quiz creation, and provides assessment tools. My role included designing the architecture, developing backend APIs, implementing custom front-end components, and managing background tasks with Celery.

Tech Used: Django, React.js, Zoom, AWS, PostgreSQL

JupiterScript: I worked on this MVP for one of the clients to implement a web application designed for networking engineers. I worked on this project solely. I developed the entire MVP from prototyping to deployment and completed this project under the deadline.

Tech Used: Django, React.js, AWS, PostgreSQL, MUI, Tailwind.