

UMAIR MEHMOOD

Lahore Pakistan

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[Github](#) - [Linkedin](#)

SUMMARY

Software engineer with extensive experience in full-stack development and a strong command of Python, Django, FastAPI, and JavaScript frameworks. Proven track record in optimizing application performance, provisioning secure production environments, and enhancing cross-functional team efficiency. Skilled in generative AI, chatbot development, and integrating advanced third-party services, delivering high-quality solutions in high-pressure environments.

Skills & Tools

Python, Django Rest Framework, Celery, Redis, FastAPI, Chainlit, LangChain, JavaScript, React, TypeScript, HTML, CSS, Full-stack, Git, Prompt Engineering, Chatbots, LLMs, Docker, Amazon Web Services.

Experience

Cogentlabs, Pakistan - *Software Engineer*

January 2022 - PRESENT

- Effectively completed end-to-end projects by implementing robust REST APIs for web and mobile applications, meeting deadlines 90% of the time.
- Executed full-stack development on projects, encompassing both front-end and back-end, and consistently met project deadlines.
- Optimized ORM queries and employed indexing techniques to enhance application performance on production servers by 80%.
- Delivered features in high-pressure environments, surpassing deadlines 70% of the time.
- Provisioned and managed multiple production servers on Google Cloud, AWS, and Digital Ocean, integrating S3 buckets, utilizing RDS, and ensuring security.
- Collaborated with multiple teams on diverse projects, achieving seamless integration and delivery, which resulted in enhanced project outcomes and a 25% improvement in cross-functional efficiency.
- Conducted comprehensive code reviews across multiple projects, enhancing code quality by 40% and reducing production bugs by 30%.
- Provided mentorship and guidance to junior developers, fostering a learning environment that significantly improved their coding proficiency.

- Integrated advanced third-party services and APIs into backend applications, enhancing functionality and performance.
- Utilized Jira for project tracking, increasing development pace by 32%.
- Worked on generative AI projects, building chatbots and performing prompt engineering.
- Developed RAG-based applications with LLMs for chatbots.

Education

Virtual University of Pakistan - *BSCS*

August 2018 - April 2022

Open Source Contributions

Contributed to LangChain, A cutting-edge library to build applications with LLMs (Large Language models).