

Bashir Ahmed

Backend Developer

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Summary

Dedicated and passionate developer, eager to apply my skills to drive innovation in the world of technology. FAST graduate with a major in Computer Science, with experience in backend and full stack development.

Experience

Freelance Data Acquisition & FOIA Specialist

Midwest Safety

Islamabad
July 2023 - Present

Midwest Safety is a YouTube channel promoting transparency in the Criminal Justice system through court data, FOIA requests, and incident videos

- Collected and organized court data by scraping US court websites.
- Managed FOIA requests, coordinating with agencies to obtain requested information.
- Supervised a team of recruits, assigning tasks and tracking progress through ClickUp
- Monitored agency communications and ensured timely data delivery to the next phase in the processing pipeline..

Education

FAST-NUCES

BS - Computer Science

Islamabad
2020-2024

Relevant courses: *DevOps, Cloud Computing, Generative AI, Digital Image Processing, Software for Mobile Devices, Software Engineering*

Projects

Final Year Project

- CSAlgoViz - A Data Structures and Algorithms Learning Web App:

A web app for learning Data Structures and Algorithms through interactive visualizations, with practice questions similar to LeetCode and personalized performance reports, enabling customized learning paths.

Technologies Used: React.JS, Node.js, D3.js, Bootstrap, MYSQL,FAST API

Semester Projects

- Spring PetClinic DevOps Implementation:

Developed a DevOps pipeline for the Spring PetClinic application, automating build, test, deployment, and scaling in containerized environments using Docker, Kubernetes, Knative, Kyverno, and Istio for enhanced reliability and scalability.

Technologies Used: GitHub Actions, Docker, Kubernetes, Minikube, Amazon EKS, Knative, Kyverno, Istio, Helm, Spring Boot

- AI Chess Game (Python): A chess game that you can play against an AI bot.
- Street Fighter AI Bot: Trained an AI bot using multiple ML models like MLP, DTC and RF
- Skill Buddy: A Web App allowing users to interact with skilled professionals

Skills

- Professional Skills: Communication, Leadership, Teamwork, Problem Solving, Critical Thinking
- Technical Skills: Python, MERN Stack, AI/ML, Git, Web Scraping, D3.js, Data Visualization, Docker, kubernetes, DevOps
- Languages: Python, Java, Javascript, C++, C#