

ALI DURRANI

S O F T W A R E E N G I N E E R

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aleedurrani



SKILLS

Web Development

Frontend Development | React.js, Bootstrap, HTML, CSS

Backend Development | Node.js, Express.js

CI/CD | Docker, Kubernetes, GitHub Actions, Jenkins

Database Management | MongoDB, MySQL

DS/ML

ML | TensorFlow, PyTorch, Scikit-learn

Data Processing | Numpy, Pandas

Data Visualization | Matplotlib, Seaborn, Plotly

PROJECTS

Blogger (Blog website)

MongoDB, Express.js, Node.js, React.js

- Enabled users to create, update, and delete blogs with a seamless user interface.
- Implemented user management and authorization features using JWT, ensuring secure access and operations for authenticated users.
- Developed functionality for users to comment on blogs, enhancing interaction and engagement within the platform.
- Developed and published Postman API documentation

EMS (Event Management System)

MongoDB, Express.js, React.js, Node.js, Bootstrap, Material UI, Tailwind CSS

- Facilitated event creation, ticketing, attendee management, vendor services, and comprehensive admin functionalities for a smooth event experience.
- Provided enhanced user experience through detailed dashboards, and seamless ticket management with QR codes for event check-ins.

Spotify Song Recommendation System

Python, TensorFlow, Scikit-learn, Pandas, NumPy

- Developed a recommendation system for Spotify utilizing various techniques including Market Basket Analysis, Content-Based Filtering, Collaborative Filtering, and Neural Networks.
- Conducted data exploration, preprocessing, and visualization to enhance model performance.
- Implemented efficient data loading and cleaning processes.

EDUCATION

BS Software Engineering

National University of Computer and Emerging Sciences (FAST-NUCES)

Islamabad

2021-Present

CGPA: 3.17

FSc Pre Engineering

F.G Degree College for Men

Wah Cantt

Percentage: 90%

CERTIFICATIONS

Udemy

The Complete 2024 Web Development Bootcamp

By: Angela Yu

Issued: May, 2024

Cognitive Class

Python for Data Science

Issued: July 9, 2024

COURSEWORK

Web Engineering

Software Construction and Development

Applied Artificial Intelligence

Software Design and Architecture

Software Requirements Engineering

Human Computer Interaction

Data Structures and Algorithms

Object Oriented Programming

Programming Fundamentals



For more projects,
please visit my Github profile.