Ali Nawaz
Software Engineer

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OBJECTIVE

Dedicated and results-driven Full Stack Developer and DevOps Engineer with a solid educational background in Software Engineering. I bring a wealth of practical experience in building end-to-end solutions, from frontend development using React to backend expertise in Node.js, databases, and advanced system design. Committed to delivering high-quality code and staying abreast of the latest industry trends and technologies.

PROJECTS

Paytm/Wallet End-to-End
- Led the development of a comprehensive payment and wallet solution, ensuring security and scalability.

Zerodha Integration
- Successfully integrated Zerodha's API, streamlining financial data for efficient trading operations.

Book Recommender System
- Developed a Book Recommender System using Python (NumPy, Pandas, Scikit-learn) and integrated it into a user-friendly website using Flask. Enabled users to receive personalized book recommendations based on their preferences.

PROFESSIONAL EXPERIENCE

PYFLUX NEXUS   **Gujranwala, PK**
CEO & Founder   **2021-Present**
- A dynamic community uniting professionals and students in Pakistan since 2021, fostering excellence in Computer Science and related fields with regular opportunities for growth and connection.

FREELANCING   **Remote**
Software Engineer   **2021-Present**
- Undertook various freelance projects, showcasing proficiency in MERN stack development, Docker deployment, and cloud services.

GOOGLE FOR DEVELOPERS   **Islamabad, PK**
Google Developers Group Cloud Islamabad   **2023-Present**
- In my capacity as Community Outreach at Google Developer Groups Cloud Islamabad, my outreach efforts to GDSC Leads and Society Presidents not only strengthened collaboration but also played a pivotal role in the successful organization of Pakistan's largest DevFest. With over 1100 attendees, including students and professionals, our collaborative initiatives enhanced community engagement and fostered a vibrant ecosystem for knowledge sharing and networking. This achievement underscores the impact of strategic communication and partnerships in elevating our events to unprecedented heights.

SKILLS

Programming Languages: JavaScript, TypeScript, Python
Web Technologies: Node.js, React.js, Express.js, Next.js, Flask
Databases: MongoDB, PostgreSQL
DevOps: Docker, Kubernetes, CI/CD, AWS
Backend: RESTful APIs, Express.js, GraphQL, Serverless
Frontend: HTML, CSS, Tailwind CSS
Version Control: Git
Tools: Nginx, Redis, Kafka, Prometheus, Grafana
Other: OpenAPI Spec, gRPC, Zod, TurboRepo

EDUCATION

VIRTUAL UNIVERSITY OF PAKISTAN   **Gujranwala, PK**

Bachelors of Science in Software Engineering   **2023-2027**

Relevant Coursework: Data Structures and Algorithms; Software Engineering; Operating Systems; Artificial Intelligence

ADDITIONAL

Languages: Fluent in English

LeetCode Problem Solving: Achieved a 60 Days Streak Badge for consistent and dedicated problem-solving on LeetCode.

Certifications & Training:

- Intro to Programming, Kaggle, 2023
- Python, Kaggle, 2023
- Intro to Machine Learning, Kaggle, 2023
- Pandas, Kaggle, 2023
- Intermediate Machine Learning, Kaggle, 2023
- Data Visualization, Kaggle, 2023
- Feature Engineering, Kaggle, 2023
- Intro to Deep Learning, Kaggle, 2023
- Computer Vision, Kaggle, 2023
- Time Series, Kaggle, 2023
- Data Cleaning, Kaggle, 2023
- Intro to AI Ethics, Kaggle, 2023
- Geospatial Analysis, Kaggle, 2023
- Machine Learning Explainability, Kaggle, 2023
- Intro to Game AI and Reinforcement Learning, Kaggle, 2023
- Learn Python 3 with Turtle, EC-Council, 2023
- Flutter Bootcamp, GDSC NUML, 2023