Fahad Rashid

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SUMMARY

Experienced software engineer with 5 years of hands-on expertise in the realms of NextJS, ReactJS, Django, and Flask. Proficient in crafting elegant frontend solutions and robust backend architectures, I specialize in building dynamic web applications that seamlessly marry user experience with functionality. Adept at collaborating within agile teams, I bring a passion for clean, maintainable code and a dedication to staying abreast of emerging technologies.

EXPERIENCE

Backend Developer
Blue Logic Digital   **May 2023 – April 2024, Dubai, UAE**

- Developed backend solutions for various web applications, including pet insurance, Sony Rewards, and medical insurance portals, focusing on user authentication, profile management, and data processing.
- Integrated complex functionalities such as Single Sign-On (SSO), insurance quotation calculation algorithms, and payment processing systems to enhance user experience and streamline workflows across different projects.
- Engineered and optimized MySQL databases, achieving a 20% improvement in query performance over a 6-month period by leveraging indexing, normalization techniques, and utilization of advanced query optimization tools.
- Proficient in designing and developing robust API Development to facilitate seamless communication between diverse systems and enhance overall application functionality.

Software Engineer
TrackHero   **May 2022 – May 2023, New York, NY**

- Implemented two distinct platforms: one for internal team use, enabling efficient event management and customer relationship tracking, and another for external customers to browse events, manage reservations, and complete transactions securely.
- Integrated Stripe payment gateway to enable seamless and secure online transactions, enhancing customer experience and streamlining payment processes.
- Utilized Django's robust framework to design and implement scalable backend solutions, including database management, user authentication, and API integration, to support the complex requirements of the automotive industry.

Software Engineer
Virtual Force Inc.   **August 2021 – December 2022, Lahore, Pakistan**

- Integrated advanced features such as quizzes and interactive functionalities into the platform, enriching the user experience and providing additional avenues for student learning and participation.
- Developed messaging system using channels, allowing students, mentors, and entrepreneurs to communicate instantly within the platform.
- Developed and implemented an advanced caching mechanism that improved application load time by 35% using Redis, reducing server response time to under 200ms, and enhancing user experience for over 1 million daily active users.

Software Engineer
Codility Solutions   **November 2019 – August 2021, Lahore, Pakistan**

- Developed a modular software solution that streamlined processes, utilizing Python, Django, and RESTful APIs.
- Developed efficient algorithms leveraging data structures to optimize query performance, reducing average run-time over a span of 6months using Python and SQL.
- Developed and deployed scalable microservices architecture, reducing system downtime by 30% and improving application responsiveness, utilizing Docker, and AWS cloud infrastructure.

EDUCATION

Bachelor of Science in Computer Science
University of Management and Technology · Lahore, Pakistan · 2019 · 3.69

SKILLS

Frontend: NextJS, ReactJS
Backend: Django, Flask, Django Rest Framework
Languages: Python, TypeScript, JavaScript
Databases: PostgreSQL, MySQL
Other: Docker, AWS, Git