

NASHIT BUDHWANI

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EXPERIENCE

Software Engineer II

Blue Ocean Strategic Partners

October 2024 – Present

Pittsburgh, Pennsylvania, United States (Remote)

- Streamlined bond reporting processes by architecting and implementing a bond management system for Florida, resulting in enhanced regulatory compliance and efficient workflows.
- Achieved seamless system integration by designing and executing robust data migration pipelines from legacy systems to a modernized platform, ensuring data accuracy.
- Boosted deployment efficiency and scalability by engineering containerized applications with Docker, including crafting Dockerfiles and orchestrating services with Docker Compose.
- Reduced payroll processing time by 40% by developing an automated payroll system featuring advanced document data extraction, thereby streamlining operations.
- Enhanced solution development by collaborating daily with clients to gather requirements and incorporate feedback, resulting in iterative improvements within an agile startup environment.

Software Engineer - Data

Logiciel Services

July 2024 - October 2024

Karachi, Pakistan

- Increased user engagement by 40% and improved sentiment analysis accuracy by 88% by developing a multimodal chatbot powered by large language models.
- Enhanced data processing efficiency by building a pipeline that aggregated over 500,000 data points from 10+ sources using vector and graph databases, ensuring robust integration.
- Streamlined support operations by automating processes, which cut error resolution time by 50% and achieved 98% accuracy across 200+ daily queries.

Associate Software Engineer

KoderLabs

August 2023 - July 2024

Karachi, Pakistan

- Improved project outcomes by collaborating with cross-functional teams to gather requirements, design innovative solutions, and implement new features, ensuring on-time delivery.
- Enhanced application performance by developing robust socket-based communication modules that enabled real-time data exchange between server and client applications.
- Reduced bug fix time by 20% and bolstered system reliability by contributing to the development of a comprehensive management system.
- Optimized data management by analyzing business needs and collaborating with teams to define effective database structures, resulting in smoother data retrieval processes.
- Increased overall system efficiency by implementing asynchronous message processing using queues, which reduced processing delays by 30%.

AI Engineering Intern

Optimizia

July 2022 - September 2022

Milton, Ontario (Remote)

- Enhanced safety protocols and analytics by designing web APIs for seamless software communication and leading backend development for real-time seatbelt monitoring.

SKILLS

- Programming Languages:** C#, JavaScript/TypeScript, Python, Go, PHP, SQL, Java, C, C++
- Technical Skills:** Software engineering, Database Management, MongoDB, DevOps, Cloud, Azure, Docker, Git, GitHub, RESTful APIs, Full-stack Web Development, OOP, Data Structures, Data Science
- Frameworks:** ASP.NET, DOTNET Core, NestJS, ExpressJS, Django, Flask, Spring Boot, Laravel, ReactJS, TensorFlow, Scikit-learn, Keras, PyTorch, OpenCV
- Soft Skills:** Problem Solving, Communication, Analytical Thinking, Punctuality, Critical Thinking, Adaptability

EDUCATION

B.S. Computer Science, FAST University

CGPA: 3.58

Dean's List (5x)

Karachi, Pakistan

PROJECTS

- TradeSage for ABC Co.:** Pioneered a trade-focused Language Model (LLM) using techniques like RAG, fine-tuning, and semantic search.
- Assignment Solver:** Developed a project allowing users to input photos/PDFs, generating handwritten PDF outputs for assignments.
- Coders Cup Web API:** Developed an API for participant registration, deployed with CI/CD pipelines and Docker.
- Ecommerce Web Application:** Constructed a feature-rich web application providing customers with seamless online purchasing capabilities.