Muhammad Awais

Full Stack Developer

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SUMMARY

Full Stack Developer with around 4 years of hands-on experience in designing, developing, and optimizing web applications for performance and scalability. Skilled in building secure and reliable systems using modern technologies such as React, Node.js, PostgreSQL, and AWS. Adept at writing clean, maintainable, and efficient code while following best practices and modern design patterns. Experienced in working within agile environments and collaborating with cross-functional teams to deliver high-quality software that meets business goals and enhances user experience. Passionate about solving complex technical problems, improving development workflows, and continuously learning new tools and technologies to drive innovation and productivity.

PROFESSIONAL EXPERIENCE

Narsun Studios
📍 Hybrid

Senior Software Engineer
📅 Dec 2023 – Present

Responsibilities:

- Developed and maintained full-stack web applications using NestJS, ensuring scalable and maintainable architecture.
- Integrated GraphQL for efficient data querying and API management, enabling faster and more reliable data access.
- Implemented a microservices architecture with Docker and RabbitMQ, improving system efficiency and reliability.
- Managed AWS cloud infrastructure with a focus on security, scalability, and cost optimization.
- Collaborated with cross-functional teams in an agile environment to deliver high-quality software solutions within project timelines.
- Troubleshot, debugged, and enhanced existing applications to optimize performance and improve user experience.
- Implemented unit and integration testing to ensure code quality, system stability, and maintainability.
- Conducted code reviews and provided mentorship to junior engineers, promoting best practices and knowledge sharing.

Devsinc
📍 Lahore, PK

Software Engineer
📅 Jan 2023 – Nov 2023

Responsibilities:

- Led the development of scalable applications using NestJS and Node.js, ensuring robust and maintainable architecture.
- Designed and implemented microservices systems with Apache Kafka for real-time data processing and event-driven communication.
- Optimized database schemas and queries in PostgreSQL and MongoDB to enhance performance and reliability.
- Managed AWS infrastructure with a focus on security, scalability, and cost optimization.
- Automated CI/CD pipelines to streamline the development lifecycle and accelerate release cycles.
- Collaborated with stakeholders to define system requirements and deliver high-quality software within project timelines.
- Mentored junior engineers through code reviews and knowledge sharing, promoting best practices in system design and development.

Devsinc   **Associate Software Engineer**

 Lahore, PK   Apr 2022 – Dec 2022

Responsibilities:

- Developed server-side applications using Node.js, integrating RESTful and GraphQL APIs for efficient data interaction.
- Built responsive web applications with Next.js to deliver seamless user experiences across platforms.
- Optimized queries for MongoDB and PostgreSQL databases to improve performance and reliability.
- Collaborated with cross-functional teams to troubleshoot issues and enhance overall system performance.

The Dev Corporate   **Backend Developer**

 Lahore, PK   Jun 2021 – Dec 2021

Responsibilities:

- Developed dynamic and responsive web applications using React.js to enhance user experience and engagement.
- Assisted in developing back-end services with Node.js and Express.js, ensuring smooth data flow between client and server.
- Optimized queries and designed schemas for PostgreSQL databases to improve data retrieval and efficiency.
- Collaborated with senior developers to troubleshoot and resolve issues, improving overall application performance.

PROJECTS

Project: SeekSocial
Technologies: React, Node.js, Express.js, RabbitMQ, AWS, MongoDB

- Developed core platform features, including influencer search and filtering functionality, to enhance user engagement.
- Built responsive, scalable, and user-friendly interfaces using React and Redux to improve load times.
- Integrated REST APIs with backend services built on Node.js and Express for faster and more efficient data retrieval.
- Leveraged RabbitMQ to handle influencer search requests and improve request processing speed.
- Collaborated with cross-functional teams to ensure smooth deployment on AWS, and maintained high availability.

Project: Popless
Technologies: Nest.js, TypeScript, PostgreSQL, GraphQL, AWS, Docker, Stripe, CI/CD

- Planned and designed core platform features to improve the user experience for teachers and students.
- Developed backend services using Nest.js and TypeScript to enhance scalability and system performance.
- Configured and optimized PostgreSQL database architecture to ensure efficient data storage and retrieval.
- Integrated Stripe for secure and seamless payment processing across multiple countries and currencies.
- Implemented GraphQL APIs to improve data management and support efficient system operations.

Project: Glamezy
Technologies: NestJS, React, Redux, Docker, Amazon S3, Stripe, PostgreSQL, Google Maps API

- Contributed to the development of core features to enhance the overall booking experience for users.

- Integrated Stripe for secure and seamless payment processing to ensure reliable transactions.
- Built responsive user interfaces using React and TypeScript to improve user satisfaction and engagement.
- Implemented Google Maps API to help users easily locate and book nearby beauty venues.

Project: GoSchoolBox
Technologies: React.js, Node.js, Express.js, PostgreSQL

- Streamlined user flows and developed backend services using Node.js and Express.js to improve response times and enhance server-side efficiency.
- Led the design and implementation of the PostgreSQL database structure, optimizing data storage and retrieval processes.
- Designed and implemented responsive user interfaces with React.js for school administrators and tutors to improve usability and accessibility.
- Implemented core features and functionalities to strengthen user engagement and overall platform performance.

Project: Adept Flows
Technologies: React.Js, Nest.Js, OPENAI, MongoDB, Docker, AWS

- Executed core functionalities to automate the conversion of user prompts into Mermaid JS syntax, enabling seamless creation of flowcharts.
- Implemented OpenAI integration to automate flowchart creation and reduce manual input efforts.
- Integrated multiple technologies to ensure scalability and enhance overall system performance.
- Collaborated with stakeholders to gather requirements and deliver features that aligned with business needs.

SKILLS

JavaScript	TypeScript	Node.js	React.js	Next.js	Nest.js	Express.js	Prisma
Sequelize	PostgreSQL	MongoDB	Mongoose	AWS	Docker	Heroku	GitHub
Apache Kafka	RabbitMQ	RESTful APIs	GraphQL	CI/CD	Microservices	OAuth	JWT
SSO	Socket.IO	PayPal	Stripe	Webhooks	OpenAI	Jira	ClickUp
Git	Linux	Nginx	Postman				

CERTIFICATIONS

ChatGPT Prompt Engineering for Developers   📅 Feb 2025
DeepLearning.AI

AWS Certified Developer – Associate   📅 Oct 2025
LinkedIn Learning

EDUCATION

Bachelor of Computer Science (BSCS)   📅 Feb 2018 - Feb 2022
Bahria University   📍 Islamabad, PK