

# MUHAMMAD AWAIS

## FULL STACK DEVELOPER

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 Lahore, Pakistan

### PROFILE

- Full Stack Developer with around 4+ years of experience in building and optimizing web applications with high-performance.
- Proficient in designing scalable, efficient, and secure systems using modern technologies, including React, Node.js, PostgreSQL, and AWS.
- Skilled in writing clean, maintainable code with an emphasis on best practices, performance optimization, and technical innovation.
- Experienced in collaborating with cross-functional teams to deliver solutions aligned with business goals and enhanced user experiences.
- Driven by a passion for solving complex problems, improving development workflows, and contributing to successful project outcomes.

### PROFESSIONAL EXPERIENCE

#### NARSUN STUDIOS

 Hybrid

##### 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.
- Troubleshooted, 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.

#### SENIOR SOFTWARE ENGINEER

 Dec 2023 – Present

#### DEVSINC

 Lahore, PK

##### 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.

#### SOFTWARE ENGINEER

 Jan 2023 – Nov 2023

**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.
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**THE DEV CORPORATE****BACKEND DEVELOPER****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**

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**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 and overall performance.
  - 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, maintaining high availability and platform reliability.
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**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.
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**Project:** Glamezy**Technologies:** NestJS, React, Redux, Docker, Amazon S3, Stripe, AI App Development, 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 | Nest.js | React.js | Next.js | Express.js | Prisma | Sequelize | PostgreSQL | MongoDB | Mongoose | RESTful APIs | GraphQL | AWS | Docker | Heroku | Redis | RabbitMQ | Apache Kafka | GitHub Actions | CI/CD | Jira | ClickUp | Microservices Architecture | OpenAI | Socket.IO | OAuth | JWT | SSO | PayPal | Stripe | Webhooks

## **CERTIFICATIONS**

ChatGPT Prompt Engineering for Developers

*DeepLearning.AI*

 Feb 2025

## **EDUCATION**

Bachelor of Computer Science (BSCS)

Bahria University

 Feb 2018 - Feb 2022

 Islamabad, PK