

# Muhammad Anas

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📍 **Location:** Karachi, Pakistan

## Summary

Driven Software Engineer with 4 years of professional experience having a strong ambition to excel in Full-Stack Development, and the field of computer science. Actively seeking opportunities in Software Engineering focused on full-stack development. I'm committed to enhancing my skills through research and gaining hands-on experience through projects. Explore some of my work on my portfolio website, self designed and developed using Next.js, click [here](https://anaszaheer.vercel.app/) or visit: <https://anaszaheer.vercel.app/>.

## Education

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**Bahria University**, Karachi, Pakistan — Bachelor's of Computer Science  
2017 - 2021

**Gulshan Degree College**, Karachi, Pakistan — Intermediate Education  
2015 - 2016

**Chiniot Islamia Public School**, Karachi, Pakistan — Matric Education  
2002 - 2014

## Professional Experience

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**ZamarTech**, Karachi, Pakistan — Full Stack Developer  
February 2025 – Present

- Developed and maintained applications using React.js, Node.js, Express.js, and MySQL, utilizing sequelize.
- Designed, implemented, and maintained RESTful APIs.
- Integrated third-party services to enhance application functionality.
- Converted design wireframes into responsive and user friendly interfaces.
- Managed and optimized databases, ensuring proper relationships and data security.
- Conducted code reviews and collaborated with team members, ensuring projects are delivered on time.

**WonderTech**, Karachi, Pakistan — Full Stack Developer  
March 2022 – December 2024

- Played a key role in full-stack development, building and maintaining RESTful APIs with Node.js, Express.js, and Sequelize ORM for smooth backend operations.

- Designed scalable MVC architectures with JWT authentication while also working on responsive user interfaces using React.js for seamless frontend-backend integration.
- Created and optimized database schemas in MySQL and MongoDB through Sequelize and Mongoose, ensuring data integrity and performance.
- Performed database manipulations through APIs.
- Implemented real-time communication features using Socket.io for chat and notifications.
- Created custom themes to meet client requirements.
- Implemented third-party APIs such as Stripe, Twilio, SendGrid, and Google Analytics to enhance platform functionality.
- Independently managed client interactions, ensuring timely and efficient delivery of their requirements.
- Took on a mentorship role, guiding interns on best development practices.

**AlphaProMed**, Tampa, Florida, USA — Junior Developer  
 October 2021 - January 2022

- Assisted in software design and development, working closely with the development team.
- Developed and maintained plugins using PHP, JavaScript, and jQuery to enhance website functionality.
- Worked on bug fixes and optimized the technical performance of internal systems.
- Contributed to company development meetings, discussing feature improvements.
- Learned and worked with the existing codebase, improving coding skills through hands-on development.
- Conducted development tests and documented findings for debugging and optimization.
- Wrote reports detailing technical issues and software improvements.

## Skills

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- Node.js
- Next.js
- MySQL
- MongoDB
- MUI
- Vercel
- Express.js
- RESTful APIs
- PostgreSQL
- Knex.js
- Shadcn
- React.js
- JavaScript
- Sequelize
- Tailwind CSS
- jQuery

## Certificates

Names	Acquired From
MERN Stack ( <a href="#">link</a> )	Udemy
AWS: Innovate ( <a href="#">link</a> )	Amazon Web Services
SQL ( <a href="#">link</a> )	TestDome
AWS: Builders Online Series ( <a href="#">link</a> )	Amazon Web Services
AWS: AWSome Day Conference ( <a href="#">link</a> )	Amazon Web Services
Web Development ( <a href="#">link</a> )	Johns Hopkins University

Laravel Development ( <a href="#">link</a> )	Udemy
PHP Development ( <a href="#">link</a> )	University of Michigan

## Projects

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### **Tamyoz** — (React.js, Node.js, Express.js, MySQL, WebSockets, Sequelize)

Developed an e-learning platform from scratch, implementing both frontend and backend using React.js and Node.js. Built the login and registration systems using JWT authentication. Created RESTful APIs and dynamic user interfaces while following the MVC architecture. Built APIs and screens to execute course and lesson based modules, exam management, grading systems, etc. Implemented role-based access control with a dedicated admin dashboard. Integrated real-time chat and notifications to enhance user interaction and communication within the system.

### **Katateeb** — (Node.js, Express.js, MySQL, Sequelize)

Developed the backend for an online communication platform for teachers and students to engage in live and in-person sessions. I built the backend from scratch using Node.js and Express.js, implementing the MVC architecture and the JWT authentication. Created APIs for session scheduling, quizzes/exams, assigning and uploading homework, payments, tutor/student ratings and more. Managed data with Sequelize and added functionalities such as using Multer to allow picture/video uploads/downloads. Integrated a review and feedback system for better user engagement.

### **Wonder L.M.S** — (React.js, Node.js, Express.js, Sequelize)

Developed key features for WonderTech's learning platform, building both APIs and user interfaces, including the live notifications system. Implemented user management, structured chapter and lesson modules. Contributed to developing overall key functionalities and implementing reviews/fixes for better user experience of the platform.

### **TalentGames Tasks** — (Node.js, Express.js, React.js)

Worked with TalentGames for a year, starting as a backend developer using Node.js and later contributing to frontend development with React.js. Built and updated APIs, screens, and services according to evolving requirements of their high profile clients. Removed security vulnerabilities in the official TalentGames website, identified by a testing firm. Integrated pre-built games onto their website to be available for online players.

### **Chat Application** — (Node.js, Express.js, Handlebars)

Developed a real-time chat application using Socket.io to enable instant messaging. Implemented JWT authentication for secure user access and used MongoDB with Mongoose for data storage. Utilized Handlebars as the templating engine for dynamic rendering.

### **Course Marketplace Application** — (React.js, Node.js, Express.js, MySQL, Sequelize)

Developed a full-stack platform with dedicated instructor and student dashboards, featuring JWT based role authentication, course management, enrollments, feedback/reviews, profile updates and performance analytics visualized through different UIs and React Charts.

### **Jobify Clone (Personal Project)** — (MERN – MongoDB, Express.js, React.js, and Next.js)

Developed a full-stack job management application inspired by Jobify, which allows users to search for jobs or post, update, and delete their own listings. Implemented user authentication using JWT with separate access control for Admin and User roles. Created a separate admin page to view user and job statistics. Integrated React Charts to visualize job-related insights for better data representation.