

TAHIR SHAKIR

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Work Experience

TA Solutions – Karachi, Pakistan

Full Stack Developer

Mar 2022 – Present

- Communicated with international clients to translate requirements into development ready sprints.
- Developed responsive UI/UX using Angular/NextJS with Tailwind CSS.
- Developed RESTful and GraphQL APIs using NodeJS/NestJS with NoSQL and SQL databases.
- Implemented CI/CD pipelines with Docker for both backend and frontend using AWS/GCP/Azure.
- Wrote unit tests with Jasmine as well as stress tested with postman.

Burhani IT Solutions (BITS) – Karachi, Pakistan (2 years and 1 month)

Full Stack Developer

October 2021 – February 2022

- Developed UIs with focus on mobile compatibility in Angular and React (NextJS) with scalable backends in NodeJS (Nest).
- Participated in code reviews to ensure code quality, adherence to coding standards, and the use of best practices.
- Designed and implemented a relational database for multiple ERP systems.

Web Developer

August 2019 – September 2021

- Developed multiple PWA and SPA web apps using Angular and React.
- Developed various backend RESTful APIs using NodeJS.
- Collaborated with cross-functional teams to gather and understand project requirements and contributed to technical discussions.
- Assisted in database design and development and ensured efficient data storage and retrieval.

Junior Web Developer

April 2019 – June 2019

- Wrote clean, well-structured code using HTML, CSS, JavaScript, and other relevant technologies.
- Implemented responsive design principles to ensure seamless user experiences across various devices and screen sizes.
- Integrate front-end designs with back-end functionalities and APIs.

Technical Skills

Front end: Angular (2-10) + Angular Material + NgRx, React JS + Next JS, Tailwind CSS

Back end: NodeJS + ExpressJS/Koa/Adonis, TS-Node, NestJS, GraphQL, Firebase

Testing: Jest, Jasmine

Database: MySQL, MSSQL, Oracle, MongoDB, SQLite, Firestore

DevOps: AWS S3, EC2, ELB, Route 53, ACM, GCP Cloud run, Cloud build, RDB, Azure, Docker, CI/CD

Version control: GitHub, Bitbucket, Gitlab

Project management tools: Jira, Trello, Monday

Education

- **Institute of Business Management (IOBM):** Aug 2017- July 2021
Bachelor's in Computer Science CGPA: 3.50
- **Board of Intermediate Education Karachi (Computer Science)** Aug 2014 - Jul 2016
– NCR College of Emerging Technologies

Projects

Flow Autobody (MEAN+MERN):

- Built a complex autobody shop management system in Angular 10 with Material UI with a backend in NodeJS with MySQL for database.
- Built multiple microservices as well in NodeJS and led the development of a customer portal in React.
- Notable features were calendar appointments, image uploading to S3, automating activity assigning and web sockets for messaging and notifications.
- Deployed web apps in AWS using S3 and Elastic Beanstalk and implemented pipelines for all web apps with Bitbucket pipelines.

Canduit (MEAN):

- Worked on an existing student-mentor pairing web application built in Angular and NodeJS with a database in MySQL.
- My role was to understand new requirements from the client and convert them into development specific Jira tickets.
- Containerized the application with Docker and deployed to Azure.

FX1 Sports (GraphQL NodeJS):

- Developed a GraphQL API in NodeJS with a MongoDB database for all kinds of business logics.
- Implemented web sockets with symmetric encryption for real-time messaging.
- Integrated automated SMTP email dispatching as well as firebase FCM notifications.
- Handled Google Cloud deployment system with Kubernetes.

Data Visualization Dashboard (MERN):

- Built a data visualization dashboard end to end with a front end in React and the backend in NodeJS with a MySQL database.
- Also implemented containerization with Docker and CI/CD pipelines with Gitlab and deployment on Google Cloud Platform.
- Designed the database architecture and implemented excel data import with extensive validation.
- Delivered a UI/UX with graphs and charts as per user requirements.

Data Analysis Reports (MERN + Next):

- Developed a data management and visualization dashboard in React and NodeJS with the data in MongoDB.
- Delivered the front end as well as the backend with authentication and connection the database.
- Containerized the application and implemented CI/CD pipelines with Gitlab and deployment on Google Cloud Platform.