

Durrah Khan

durrahkhan555@gmail.com | +92316-8270946 | Johar Town Lahore

Backend Engineer | NodeJS | ExpressJS | NestJS | SQL | NoSQL | Micro Service Architecture | Cloud Deployments

Profile Links

Portfolio <https://durrahkhan.com>

Linkedin <https://www.linkedin.com/in/durrah-khan-1a3660171/>

GitHub <https://github.com/mrbaloch555>

Professional Summary

Dedicated backend developer with 3+ years of experience in startups software firms. Highly proficient in web API design and highly proficient in Javascript | Typescript and Python.

Designed multiple web applications using javascript libraries and frameworks. Break down complex applications into easily doable projects. Having specialty in multiple databases SQL (MySQL, Postgres) and NoSQL, more expertise in NoSQL (MongoDB). Deployed multiple applications on the cloud (AWS, Digital Ocean). Always write automated unit and integration tests using Jest before deploying an application. Goal-oriented mid-level backend developer with extensive expertise in website architecture design and web API design. Proven track record of being meticulous, creative, and able to finish projects within a tight timeframe. Currently working on Micro Service Architecture to develop more prominent and more complex projects and easy to scale and with that learning serverless architecture.

Core Skills

- Backend Development
- Micro Service Architecture
- API Design
- Database Design
- Database Replication
- Application Deployment
- CI/CD Pipeline
- Unit Testing
- Integration Testing

Languages and Frameworks

- Javascript
- Typescript
- Python
- ExpressJS
- NestJS
- NATS Streaming
- SocketIO
- Jest
- Flask

Work Experience

Backend Developer
Elit IT Team Limited

07/2022 - Present
Remote - Manchester, England

- Roles

- Lead a team of 5 people, consisting of frontend and backend developers. in charge of developing web applications and deployments.
- Gathered and validated requirements as a part of a collaboration for a progressive web application that helped develop clear, unambiguous technical requirements and establish a consistent feedback loop.
- Meeting with clients and gathering application requirements and writing down every requirement in the SRS document.
- Work closely with System Administrators to take ownership of your product's operations and metrics.
- Coordinated with BDS of other teams to identify customer requirements, creating BRD and tech documents that streamlined development activities.D
- Performed full-stack development of the high-profile external web app, Maintained newly developed and existing systems for a mission-critical.
- Write CI/CD pipeline for auto-deployment of application.
- Deployed applications on Digital Ocean and AWS.
- Perform database replication of NoSQL (MongoDB) for client application for data availability.
- Set up domain names for web applications and SSL certificates for HTTPS.
- Used NGNIX for application deployments and redirect domains to their specific app containers.
- Daily scrums and meetings with team members and get progress and blocker and help them to remove blockers.
- Developed more than 5 web applications during this journey and lead every project and help everyone within my knowledge boundary.
- Write optimise code and automated tests using Jest and perform Unit and Integration tests before deploying any application.
- Start learning Micro Service Architecture and learn dockers in deeper and Kubernetes to manage dockers. Write yaml configuration files for Kubernetes deployments, service, and pod scripts to automate deployment. Worked on NATS streaming for event-based data flow within microservice application.
- Currently learning AWS serverless architecture and lambda function to deploy apps without any server configuration and easy scaling.

Full Stack MERN Developer
Stack Intel IO

06/2021 - 07/2022
Johar Town Lahore

- Roles

- Developed backend application using ExpressJs and Typescript.
- Frontend Development with Reactjs and Redux Saga.
- Develop highly optimized Restful APIs, and external web services ensuring high performance on Mobile and Desktop. Provide SEO solutions for single-page apps.
- Database replication implementation with authentication is supported for the smooth running of servers. Replication of files from one server to another server for availability of files.
- Writing efficient and fast Mongo Database queries (Filtering, Aggregation, Bulk Write operations, Index Searching) to reduce the load on the server.
- Design Rest APIs with JWT authentication supported and integration of APIs for web and mobile apps.
- Developing Role based authentication system for different users with different sets of operations.
- Integration of Firebase notification system in Node for mobile apps.
- Integration of flask APIs with Node APIs to get data from flask APIs to Node APIs.
- Developed an interactive User Interface using HTML, CSS, React JS, and Ant Design.
- Implemented Redux Saga as middleware for Node.js APIs calls efficient workflow and Cron expression for pooling.
- Quickly respond to critical support issues.
- Debug, and refactor existing applications and software modules as required.

Full Stack MERN Developer
Net Riders

01/2019 - 03/2020
Gulgasht Multan

- Roles

- Designed and developed User Interface using HTML5, CSS, and JavaScript Created sites using various Content Management Systems, and theming semantically with HTML, CSS and adding interactivity with JavaScript and libraries like jQuery.
- Implemented best practices in the JavaScript codebase, develop new functionality and create new layouts, teach advanced JavaScript techniques to the team.
- Detect the attack and its source by analyzing network traffic data.
- Analyzed the weblog data and extract the analytics from the data, we have set up a
- Write front-end use cases using the above tech stack to meet critical business requirements. Resolve existing front-end issues owning assignments and see-through completion and execution.
- Quickly respond to critical support issues

Education

PUCIT (Punjab University College of Information Technology)

2021 - Present

MS Data Science

Courses

- Data Science Tools and Techniques
- Machine Learning
- Digital Image Processing
- Deep Learning
- Natural Language Processing
- Bioinformatics
- Cloud Computing

Institute of Southern Punjab Multan

2017 - 2021

Bachelor's in Information Technology

Courses

- Programming Fundamentals
- Object Oriented Programming
- Data Structure,
- Database Management System I
- Database Management System II
- Software Engineering
- Web Development
- Digital Image Processing.

Professional Experience

- Have a strong delivery track record, excellent problem-solving skills, and high interest in all the latest tools.
- Strong understanding of NPM and modular application development skills building
- Excellent analytical, problem-solving, and communication skills both written and verbal are required.
- Strong leadership and technical management skills.
- Excellent written and verbal communication skills with the ability to communicate clearly with all levels within the project team.

- Previous work with relational DBs and NoSQL databases (MongoDB) Other helpful skills/experience.
- Acquiring hands-on skills working with new technologies and modern development methodology, taking care of the entire development life cycle.

Live Projects Links

Million Mart

<https://www.millionmart.com/>

Adeel Bux

<https://adeelbux.com/app>

B Sports PSL 2020

<https://apps.apple.com/us/app/b-sports-psl-2020-live/id1502605710>