

## ZUNNURAIN BADAR

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### Technical Skills Summary

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#### Languages:

Typescript, Javascript, Go, Python, HTML, CSS.

#### Frameworks/Skills:

Nest.js, Express.js, Node.js, Nx, Websockets, SSE, Redis, Firebase, Docker, Kubernetes, AWS, GCP, Angular 2+, React.js, Next.js, React-Native, Postgres, MongoDB, Clickhouse, PowerDNS, dnsmist, KnotDNS, Nginx, Bash, Jenkins, Apache Kafka, BullMQ.

### Professional Experience

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#### Full Stack Developer @ [AIO](#)

Islamabad, Pakistan | 09/23 – Present

- Develop and maintain software applications using NestJS and NextJS frameworks.
- Handle database schema design, queries, and data manipulation tasks using postgresql.
- Design and implement multi-tenancy features within the software applications to support multiple clients or organizations, ensuring data isolation and security
- Collaborate with team members to troubleshoot issues, optimize performance, and enhance functionality.
- Participated in code reviews and contributed to the planning of new features and enhancements.

#### Senior Software Engineer @ [IotaScale](#)

Islamabad, Pakistan | 02/22 – 09/23

- As a Team Lead, I played a pivotal role in designing the architecture, system design and advancement of various cutting-edge products.
- Implemented Node.js REST APIs for SAAS-based solutions.
- Wrote scripts using Golang and Python.
- Created database solutions using Clickhouse, MongoDB, and PostgreSQL's structure and queries.
- Participated in code reviews and contributed to the planning of new features and enhancements.

#### Senior Software Engineer @ [TechAvenue](#)

Islamabad, Pakistan | 07/21 – 02/22

- Conducted research on various databases to determine the most suitable option for our use cases.
- Designed, constructed, and executed Node.js REST APIs using Typescript and JavaScript.
- Advised on the architectural decisions and query implementation of database solutions using MongoDB, and Clickhouse.
- Utilized Apache Kafka for consuming and producing data streams.

#### Software Engineer @ [Micromerger](#)

Islamabad, Pakistan | 03/18 – 07/21

- Utilized Nest.js & Express.js for Node.js REST APIs.
- Front end development using Angular (2+) and React.js.
- Deployment of applications on the AWS.
- Designed and developed PHP REST APIs with Code Igniter framework.
- Architectural Design and implementation of complex SQL/NoSQL queries using PostgreSQL, MongoDB, Firebase and BigQuery.
- Receiving and processing data from various channels such as Google Cloud Pub/Sub and MQTT.

**Full Stack Engineer @ [Hybridlogics](#)**

Rawalpindi, Pakistan | 06/17 – 03/18

- Working with Node.js frameworks (Expressjs, Sails and Loopback) to develop REST APIs.
- Performing database operations using mongoDB.
- Gathering data from various channels, including Google Cloud Pub/Sub and MQTT.

**Projects**

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**[Falaya](#)**

LA, USA | 2019-21

This is a Real Estate Marketplace platform that offers a comprehensive solution, from promoting a property to accepting offers, enabling buyers and sellers to conduct a transaction effortlessly by using digital documentation.

**[PropDispatch](#)**

TX, USA | 2018-19

This is a software application designed to manage and track sand-related tasks in real-time, including jobs, loads, and tenants participating in the process. The application is built to support multiple tenants simultaneously.

**[Atrios - Next-gen DNS Based Cloud Security](#)**

Isb, PK | 2022-23

Atrios offers a security and filtering solution that utilizes DNS technology. This service is designed for ISPs, telcos, and homeowners and includes various features such as content filtering, parental control, and app blocking.

**Education**

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**International Islamic University**

Islamabad, Pakistan

Bachelor of Software Engineering (2013 - 2017)