Zunnurain Badar

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I have worked in the technology industry for almost six years and have experience in a variety of roles, including software development, full-stack development, big data, deployment, and management. I have primarily worked in startup environments where I have taken on multiple responsibilities and tackled various technologies, from leading teams to being a versatile team player. Instead of focusing on specific tools or technologies, I prioritize my problem-solving skills. Initially, my career focused on Node.js backend development and database designing and development, but I have continued to learn and expand my skillset with new technologies.

Tools, Platforms & Technologies

These are the tools / platforms / technologies that I've used in some capacity over the last few years

Front-end

Angular, React.js, Next.js

Back-end

Node.js, Go, Python, PHP, Serverless Functions

Database

MongoDB, Postgresql, Clickhouse, BigQuery, Firebase, Redis, Lmdb

DevOps / Cloud / Platforms / Tools

Nginx, Docker, Kubernetes (K8s/K3s), Jenkins, PowerDNS, DNSdist, KnotDNS, Zookeeper, Apache Kafka, Harbor (Registry), Amazon EC2, Amazon Elastic Beanstalk, AWS Lambda, AWS Route 53, AWS S3, AWS CodePipeLine, Google Cloud functions, Google Object Store, Google Cloud Build.

Misc
Integrations with CG NAT, Radius Feeds.

Experience

Iotascale Pvt Ltd, Islamabad – Senior Software Engineer | Team Lead
Feb 2022 – present

As a Senior Software Backend Engineer at IotaScale, I am currently leading the backend team on a SAAS-based solution that provides DNS-based cloud security. My responsibilities in this role include developing and maintaining the backend infrastructure that supports the application, ensuring high scalability and reliability of the system, and working closely with the front-end team to ensure seamless integration of the user interface with the backend logic.

Tech Avenue/Snskies, Islamabad – Software Engineer / Tech Lead
July 2021 – Feb 2022

I predominantly served as a Tech / Team Lead in a team of 9 to 12 members that was continuously expanding. My primary responsibilities entailed coding in Node.js, Python, and Go, Handling all of the databases and managing the complete Infrastructure and DevOps. As a part of my job, I initiated new projects from the ground up, focusing on designing and structuring them and ultimately delivering them for deployment. Additionally, I took charge of researching and evaluating the technologies that would be utilized for creating our products.

Micromerger IT Solutions – Software Engineer / Product Lead
Mar 2018 – July 2021

Product Lead *(April 2020 – July 2021)*

I held the role of product lead for the Unlock'd platform, now known as falaya. In this position, my main duties encompassed the entire development process, starting from gathering client requirements to deploying new features and ensuring clients received timely updates on the platform's latest developments.

Full-Stack Developer *(March 2018 – April 2020)*

During my tenure as a full-stack developer, I had the opportunity to work on several projects. In this role, my primary duties included developing the server-side logic, overseeing database management, managing the serverless architecture, and handling analytics.

Hybridlogics – Junior Software Engineer
July 2017 – Feb2018

In my role as a junior developer, I was assigned to several projects where I was responsible for constructing the front-end using Reactjs, Angular and Ionic, and the back-end using Node.js with express.js, sails, and loopback. Additionally, I was tasked with managing the databases, specifically NoSQL databases.

Education

International Islamic University, Islamabad
BSCS - 3.19 CGPA, 2013 – 2017
Kallar Kahar Science College, Kallar Kahar
Fsc (Pre Engineering), 2011 – 2013
Kallar Kahar Science College, Kallar Kahar
Metric, 2008 - 2010