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SUMMARY

Highly skilled software engineering professional with 3 years of experience in a diverse range of roles. My expertise spans across fullstack software development, big data analysis, deployment strategies, and effective project management. Throughout my journey, I have thrived in dynamic startup environments, showcasing my ability to shoulder multiple responsibilities while navigating through many cutting-edge technologies. What sets me apart is my proactive and detail-oriented approach to problem-solving. My commitment to staying at the forefront of technological advancements and industry trends ensures that my contributions are always current and impactful. My journey exemplifies not only my adaptability but also my relentless drive to continuously expand my skillset, enabling me to seamlessly integrate new technologies into the projects I undertake.

WORK EXPERIENCE

Senior Software Engineer at IOTASCALE.

January 2022 - Present

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

My responsibilities include:

- Design and implement frontend of multiple portals using Angular (2+).
- Design and implement Nodejs REST APIs for a SAAS based solution.
- Design and implement Scripts in Python using Flask framework.
- Design and implement a micro-services architecture running multiple Nodejs services.
- Design and implement the structure and queries of database solutions using Clickhouse and MongoDB.
- Design & develop a SAAS based solution providing content filtering and system insights including realtime insights.
- Utilize opensource Github (gitea or gogs) to manage source codes.
- Utilize opensource tools like Prometheus, Grafana, and AlertManager for monitoring VMs and resources.
- Manage Deployments on on-premises and GCP cloud servers using tools like pm2, nginx and docker.
- Debugging, bug fixing, and optimizing code to ensure high performance and reliability.
- Collaborate with the team to ensure fast and efficient development velocity.
- Participate in code reviews and contribute to the development of new features and enhancements.

Software Engineer at TechAvenue.

February 2021 - January 2022

During my tenure at TechAvenue, I assumed a pivotal role as a fullstack developer, where I was entrusted with the challenging DPI (Deep Packet Inspection) Project. This multifaceted endeavor involved the development of a robust traffic capture tool designed to seamlessly handle intricate network data. Within this dynamic project landscape, I undertook dual responsibilities that spanned the entire spectrum of development. My contributions were instrumental in creating intuitive frontend portals. I also played an integral role within the backend team, spearheading the development of APIs responsible for the seamless management and processing of crucial data.

My responsibilities include:

- Design frontend of DPI Project using Angular (2+).
- Create modern & intuitive UIs with multiple themes providing extensive visualizations for Network Traffic.
- Design and implement Nodejs REST APIs.
- Design and implement Sockets managing realtime insights.
- Design and implement a dynamic query builder handling frontend queries efficiently.
- Use Clickhouse and MongoDB for database queries and handling extensive data.
- Identifying and resolving issues in the code, rectifying bugs, and fine-tuning the code.
- Working closely with the team to foster a swift and effective development pace.
- Actively engaging in code reviews and actively contributing to the advancement of new features.

Frontend Developer at Asasa Technologies.

September 2020 – January 2021

As a junior Frontend Developer, I was assigned multiple projects in which my responsibilities encompassed writing frontend code in Angular and Ionic.

My responsibilities include:

- Managing and implementing frontend development using Angular (2+).
- Creating, Designing and writing code for mobile apps using Ionic.
- Contributing to the development of new features and enhancements.
- Engaging in close collaboration with the team to bring up a high-velocity and productive development process.

Technical Skills

Frontend

angular2+ | Ionic | Reactjs | Nestjs

Backend

JavaScript / Typescript | Nodejs / Expressjs | Nestjs | Flask

Database

Mongodb / Mongoose | Clickhouse | Caching: Redis | Dnsdist: LMDB |
 Firebase: Firestore, FirebaseAuth, Firstorage

Devops / Cloud / Tools

PM2 | Nginx | GCP – Google Cloud Platform | Docker | Kubernetes |
 Dnsdist | VMware | KVM

Monitoring

Prometheus | Grafana | Zabbix | OPManager

EDUCATION

BS (Software Engineering) at International Islamic University, Islamabad

2016 – 2021 Islamabad, Pakistan