SAQIB ARFEEN

Berlin, Germany

saqib.arfeen@gmail.com | github.com/saqibarfeen | linkedIn.com/in/mohamedsaqib

CAREER SUMMARY

Software engineer • Backend engineer • Data engineer

A software engineer with 7 years of global experience building SaaS products in No-code, ERP and Big data.

AREAS OF EXPERTISE

- Programming: JavaScript, TypeScript, C++, Java, Python, Golang
- Frameworks: Spring Boot, Flask, Node.js, React, Netsuite SuiteCloud Platform, Nvidia CUDA
- Databases: Postgres, MySQL, MongoDB, ElasticSearch, Graphite, InfluxDB, Hadoop, Spark, Ninox
- Message brokers: Kafka, RabbitMQ, Redis
- Data Visualization: Grafana, Kibana
- DevOps Tools: Kubernetes, Docker, Prometheus, Github Actions, Puppet, Saltstack, Nagios, Icinga
- Cloud: AWS, GCP, OpenStack, Azure

PROFESSIONAL EXPERIENCE

Ninox Software GmbH (ninox.com), Berlin   **Nov 2022 – Present**

Senior Software Engineer

- Responsible for building new product roadmap features and integrations.
- Responsible for fixing bugs.

Seed Labs, Karachi   **Oct 2021 – Sep 2022**

A startup company building a decentralized exchange for trading of perpetual futures contracts.

Senior Software Engineer

- Optimized the build times by 10x and instrumented the backend systems including the order-matching engine and blockchain settlement layer to identify the bottlenecks and optimize performance.
- Achieved persistence and fault tolerance in the system by researching recovery techniques and then implementing Kafka as the message broker.
- Slashed the fixed costs by 80% through migration of the infrastructure to Kubernetes.

Folio3 Software Inc, Karachi   **Nov 2019 – Sep 2021**

Digital transformation services and strategy consulting for enterprises, SMBs and start-ups.

Senior Software Engineer

A senior engineer in the Netsuite ERP team, responsible for the development of business process customizations and integrations.

- Took an initiative and voluntarily built an in-house knowledge base of the ERP design patterns and business workflows slashing the development cost of routine projects by upto 50%.

- Delivered ERP and Ecommerce integration projects with high quality to various Fortune 500 companies that lead to long-term partnerships and retention.

Ivolve Technologies, Karachi   **Jun 2019 – Nov 2019**

A company that provides hybrid-cloud management services and products for the emerging markets.

Senior Software Engineer

- Recruited, trained and helped build the team to transition the product development from an outsourced contractor to in-house, increasing agility and reducing time to market.
- Hybrid-cloud Middleware: Integrated OpenStack and public cloud providers.
- Monitoring system: Developed a Single Pane of Glass monitoring solution for OpenStack's cloud using tools including Ceilometer, Gnocchi, ElasticSearch, Graphite and Grafana.

Cloud 9 Networks, Karachi   **July 2016 – May 2019**

A data center build and virtualization services company focused on building cloud-first solutions.

Software Engineer

Onboarded when the founders started to build a big-data software solution for a large "customer loyalty card payment system" within the MENA region. Later developed two more products from zero to production.

- Played a key role in the research, design and implementation of various SaaS products including B2B Business Intelligence, Openstack cloud monitoring and network infrastructure monitoring.
- Built the products in cycles of weeks instead of months e.g bit.ly/siem-saqib
- Trained new hires, and helped them become effective engineers at the company.
- Pivoted and delivered a new product for Actionable Intelligence in IT that won the contract from a top telecom provider of Pakistan.

FAST NUCES, Karachi   **Jun 2015 – Aug 2015**

Research Assistant

- Programmer for a [deep learning research](#) project on puzzle solving with [Copris Theorem Prover](#).
- Designed and deployed a Message Passing Interface(MPI) and a Hadoop cluster for the HPC Syslab.

EDUCATION

BS, Computer Science CGPA: 3.03/4.0

FAST NUCES, Karachi

CERTIFICATIONS

- Coursera: [The Data Scientist's Toolbox](#) (CZ4FS4J6T972)
- Coursera: [AI for Everyone](#) (F926BXSQE638)
- Coursera: [Tensorflow on Google Cloud](#) (KJ3QWPW3FJUT)
- Coursera: [IBM Cloud Private: Deploying Microservices with Kubernetes](#) (LD83GGMJ84L5)
- Coursera: [Neural Networks and Deep Learning](#) (UMRA4C82PK8V)