

Arshil Khan

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CAREER SUMMARY

Software Development Engineer with over 5 years of experience in building efficient systems for companies like **Angel One** and **Innovaccer**. Skilled in **Python**, **GoLang**, and **C++**, with expertise in data processing and cloud technologies. Improved real-time data stream processing by **5x** at Angel One, reduced infrastructure costs by **10K USD/month**, and led the migration of legacy systems to maintain **100% data integrity** for over **500** healthcare providers at Innovaccer. Recipient of multiple awards for excellence in development.

WORK EXPERIENCE

Software Development Engineer I

Feb 2022 – Present

Angel One Ltd.

Mumbai, India

- Designing and developing systems for the third largest stock broker in India as core member of **Charts Team**
- Replaced PySpark consumers with Golang, boosting processing speed by **5x** and slashing latency for real-time data streams
- Led the migration of hundreds of Airflow workflows to AWS Schedulers, optimizing infrastructure and reducing operational costs by **10K USD** per month
- Developed robust REST APIs in Golang handling peak TPS of **500k** for efficient access to charts data.

Software Development Engineer I

July 2020 – Feb 2022

Innovaccer Analytics Pvt. Ltd.

Noida, India

- Core team member of the **Data Platform Team** for the world's best healthcare data platform.
- Orchestrated the migration of legacy systems to the new healthcare data platform, ensuring **100% data integrity** and **uninterrupted services** for over **500** healthcare providers.
- Took ownership of Data Parsers and Python Pipelines for ETL processes, improving data workflows and system efficiency.
- Developed a **Query Conversion Tool** to convert queries between different DSLs, streamlining database operations.

Android Developer Intern

May 2018 – July 2018

Jan Elaaj Healthcare Pvt. Ltd.

New Delhi, India

- Created Doctor's and Patients Android App from scratch

Open Source Developer

Sept 2017 – Feb 2018

FOSSASIA

Singapore

- Contributed to SUSI AI Android App, an open-source personal assistant utilizing artificial intelligence

EDUCATION

Jamia Millia Islamia

New Delhi, India

Bachelor of Technology in Electronics and Communication Engineering

Aug 2016 – May 2020

- Cumulative Performance Index (CPI): 9.58/10

ACHIEVEMENTS

Tech Titan Award at Angel One (Jun 2023 – Jul 2023)
Champion of the Quarter Award at Innovaccer (Oct 2020 – Dec 2020)
Leading by Example Award at Innovaccer (Jan 2021 – Sep 2021)
National Finalist of Smart India Hackathon (Mar 2018)
Secured 1st Position in Open Govt Data Hack (Oct 2017)
Secured 1st Position in DCB Bank FinTech Hackathon (Sep 2017)
Secured 1st Position in Code-Fuze (Jamia Spring Fest '18)
Runners-up in Code Relay (Jamia xTacy 19')

TECHNICAL SKILLS

Languages: C++, Python, GoLang, Scala, C, Java, Bash, Node.js

Databases: PostgreSQL, MongoDB, Snowflake, TimescaleDB, MySQL, Redis

Tools & Technologies: Amazon Web Services(AWS), Microsoft Azure, Google Cloud, Docker, Kubernetes, Kafka, ArgoCD, ElasticSearch, Git, Linux, Microservices, Django, Grafana, Prometheus, Graylog, Apache Spark

PROJECTS

Jamia Connect

Aug 2017 – Sept 2017

- Android App made for the students of Jamia, featuring notes sharing, discussion forum, marketplace, and maps (9k+ Downloads on Playstore)