Arshil Khan

+91-9810658353 | me@arshilk.com | linkedin.com/in/arshilk | github.com/arshilk

CAREER SUMMARY

Results-driven Software Development Engineer with over 5 years of experience in designing and developing innovative solutions for prominent organizations, including **Angel One** and **Innovaccer**. Proficient in **Python**, **GoLang**, and **C++**, with a strong foundation in data processing and cloud technologies. Proven track record of optimizing systems and improving processing speeds, recognized with multiple awards for exceptional contributions. Passionate about leveraging technology to create impactful applications and drive organizational success.

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 world's best healthcare data platform
- Ownership of Data Parsers and Python Pipelines for ETL processes
- Developed Query Conversion Tool to convert queries from one DSL to another
- Core Team Member of the Phoenix Platform Team responsible for migrating customers to the cloud

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   *August 2016 – May 2020*
- Cumulative Performance Index (CPI): 9.58/10

ACHIEVEMENTS

Tech Titan Award at Angel One (June 2023 – July 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 (March 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)