



## Contact

### Phone

92 336 2148088

### Email

hammad4898@gmail.com

## Education

2011 - 2015

### Bachelor in Computer Science

National University of Computer and Emerging Sciences

## Skills

- AWS/serverless/sam/cdk
- python/node/java
- elasticsearch
- data structure and algorithms
- analytics and visualisation
- ci/cd
- communication

## Expertise

- python: flask, fastAPI, numpy, pandas, scipy, scrapy, plotly, pytest
- node: express, nestjs, jest, mocha
- databases: postgres, dynamodb, mongoddb, neptune(graph)
- api: designing and documentation via postman, swagger, openapi
- vcs: github, gitlab, bitbucket
- management: atlassian, slack, teams

## Language

Urdu

English

# Hammad Ali Khan

## Senior Software Engineer

Senior software engineer with 6+ years of experience in full software development cycle. Passionate about finding simple, efficient solutions to complex problems. Highly adapt in leading engineering team to achieve software development upgrades and increase business efficiency while delivering world-class solutions to client.

## Experience

### July 2022 - Present

9T5 | Pakistan

#### Senior Software Engineer II

- Work on different content provider box Samsung, LG, AppleTV etc to scrape data for analytics.
- Work on navigation part using nodejs to scrape all poster recursively.
- Work on image processor to crop the highlighted poster and OCR using opencv, tesseract.
- Work on github pipelines for CI/CD using AWS SAM for deployment and different AWS services to accomplish tasks.

### Nov 2021 - May 2022

Airlift Technologies | Pakistan

#### Senior Software Engineer II

- Coordinate with engineering manager and product team to get requirements.
- Propose solutions based on cloud infrastructure and holding feedback cycle from solution architects. Refining and providing final solution to junior members in grooming sessions.
- Design, modified and implement cloud observability for infrastructure to help team know the granular life cycle of each request using ELK and newrelic.
- Perform reiteration on performance and cost optimisation.
- Conduct knowledge sharing sessions across team and providing code reviews.

### Nov 2020 - Nov 2021

Tenovos | USA

#### Senior Software Engineer

- Worked closely with product owners, development teams, and infrastructure specialists to deliver high-availability solutions for digital asset management applications.
- Anchoring team, code review, architecting, implementation, and performance improvement emphasis on unit test and code coverage.
- Documented software design, detected faults, troubleshooting, and implementation of critical cloud alarms for proactive escalation process.
- Involved building new features for clients like Google, Amazon fuse, Canadian Tyre Corporation to name a few.

### Mar 2017 - Oct 2020

REON Energies | Pakistan

#### Lead Software Engineer

- Lead engineering team, performing requirement gathering from Product Head, technical analysis, and solution implementation.
- Translated customer and system requirements into robust software design with a test-driven approach.
- Build a highly scaleable IoT (AWS IoT Core) solution observing more than 4K+ sites(commercial and telco) across country, providing realtime analytics, alarms and escalation workflow.
- Implement security on edge devices like dell, hp etc to secure end-to-end MQTT communication between cloud and gateways.
- Implemented and adopted cloud technologies and best practices for automation, configuration, monitoring, and platform scalability using apache airflow and kafka.



# Hammad Ali Khan

## Senior Software Engineer

Senior software engineer with 6+ years of experience in full software development cycle. Passionate about finding simple, efficient solutions to complex problems. Highly adapt in leading engineering team to achieve software development upgrades and increase business efficiency while delivering world-class solutions to client.

## Contact

### Phone

92 336 2148088

### Email

hammad4898@gmail.com

## Education

2011 - 2015

### Bachelor in Computer Science

National University of Computer and Emerging Sciences

## Skills

- AWS/serverless/sam/cdk
- python/node/java
- elasticsearch
- data structure and algorithms
- analytics and visualisation
- ci/cd
- communication

## Expertise

- python: flask, fastAPI, numpy, pandas, scipy, scrapy, plotly, pytest
- node: express, nestjs, jest, mocha
- databases: postgres, dynamodb, mongodb, neptune(graph)
- api: designing and documentation via postman, swagger, openapi
- vcs: github, gitlab, bitbucket
- management: atlassian, slack, teams

## Language

Urdu

English

## Experience

Feb 2016 - Feb 2017

TenPearls | Pakistan

### Game Developer

- Gameplan8 is a game development depart of TenPearls. Where I love to build complex game logic targeting cross-platform devices mainly iOS and Android. Having deep experience on Unity3D along with cocos2D.

