

# Syed Ali Jodat

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## EDUCATION

### FAST-NUCES

BS IN COMPUTER SCIENCE  
2020 - 2024 | Karachi, Pakistan  
Current CGPA:3.57

**BAHRIA COLLEGE,  
KARSAZ**  
Intermediate  
2018 - 2020

## LINKS

Github:// [github.com/Jodat16/](https://github.com/Jodat16/)  
LinkedIn://  
[linkedin.com/in/ali-jodat/](https://linkedin.com/in/ali-jodat/)

## COURSEWORK

### UNDERGRADUATE

Programming Fundamentals  
Object Oriented Programming  
Data Structures  
Design and Analysis of Algorithm  
Software Design and Analysis  
Software Engineering  
Operating Systems  
Computer Networks  
Artificial Intelligence  
Recommend-er Systems  
DevOps  
Digital Logic Design  
(Teaching Asst)

## SKILLS

### PROGRAMMING

- Python ( sklearn, keras, pandas )
- C++
- C lang
- SQL
- Linux Shell
- Flutter
- Dart
- Html
- CSS
- $\text{\LaTeX}$

### OTHER SKILLS

- Azure DevOps
- CI/CD in Jenkins
- Docker
- Git
- Oracle
- Shell scripting

## EXPERIENCE

### KALSOFT | DEVOPS INTERN

Aug 2023 - Oct 2023 | Karachi, Pakistan

- Practicing Azure DevOps
- Worked on Java project's build and deployment pipelines

### NADRA | NETWORKING INTERN

July 2023 - Aug 2023 | Karachi, Pakistan

- Understanding organization's Network Infrastructure and it's components
- Hands on experience in configuring networking devices and enhancing network security application of firewalls
- Solved realtime troubleshooting scenarios of network infrastructure

### NUCES | TEACHING ASSISTANT

Jan 2023 - June 2023 | Karachi, Pakistan

- Key responsibility was to grade student's quizzes and assignments
- Solve student's queries

### AFINITI | SOFTWARE ENGINEERING INTERN

June 2022 - Aug 2022 | Karachi, Pakistan

- Worked as a team member of Global Delivery Global Infrastructure and Enterprise Data (GD) team
- Software Deployment - Deployed new software updates with my team
- Maintained docker containers
- Managed delivery pipeline in Jenkins
- Wrote scripts for automation of container updates

## PROJECTS

### RESTAURANT RECOMMENDATION SYSTEM | PYTHON | ML

Developed a fully scalable recommender system using **Collaborative Filtering** and **Neural Networks**, techniques that are widely used for implementation of recommender systems used in large scale e-commerce websites.

### HOSPITAL MANAGEMENT SOLUTION | FLUTTER | SQL | DART

Created a flutter application with intuitive and user-friendly **UI**. Its backend was developed using Flutter **Supabase** and **SQL**.

### VEHICLE SUGGESTION SYSTEM ON BIG DATA | HADOOP | C++

Our innovative vehicle suggestion system leverages the power of **Big Data** and **Hadoop** to provide personalized recommendations for customers based on their unique preferences and historical data.

### READER WRITER SYSTEM CALL | LINUX SIMPLE WEB HOSTING SERVER | PYTHON

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## CERTIFICATIONS

Linux Shell Scripting (Coursera)  
**Jenkins** Automation Pipeline (Coursera)  
Container Orchestration using **Kubernetes**  
DevOps on **AWS**: Code, Build, Test (AWS)  
ASTERA Data Integration Bootcamp

## AWARDS AND HONORS

2022 Dean's Honor List (x4)  
2022 Participant in Speed Programming at PROCOM  
2022 Participant in Hackathon at DEVDAY  
2022 Member of Resource society at PROCOM  
2018 High Achiever AKUEB  
2018 Top 10 in International Mathematical Olympiad