

Mohammad Zaid Ali

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GITHUB | LINKEDIN | PORTFOLIO

EDUCATION

ALIGARH MUSLIM UNIVERSITY

B.TECH COMPUTER ENGINEERING

GPA: 9.3

July 2019 - Present

EXPERIENCE

GEEKSFORGEEKS | TECHNICAL CONTENT WRITER

Remote | Oct 2021 – Present

- Write tutorials and articles on Python, Networking, and Cloud stuff.
- Aims to make complex and complicated topics easily understood by the general audience.

SOLVOKIT | BACKEND DEVELOPER INTERN

Remote | Aug. 2021 – Oct. 2021

- Designed REST APIs in NodeJS. Devised slot booking algorithms to prevent schedule overlapping and implemented video calling feature using Sockets and Web-RTC.
- Engineered various database models for students, mentors using mongoose as ODM and incorporated user authentication using PassportJs middleware.
- Successfully revamped web application design and optimized them up to 20% in google insights.

AMU-OSS | VOLUNTEER

Remote | Nov. 2019 – Present

- Organizing tech workshops and seminars.
- Mentoring and helping juniors to learn new skills.

SKILLS

PROGRAMMING LANGUAGES C++, JavaScript, Python, Bash

LIBRARIES/FRAWORKS Express, React, Flask

TOOLS / PLATFORMS Google Cloud Platform, WireShark, Cisco Packet Tracer, Postman

DATABASES MySQL, MongoDB

PROJECTS / OPEN-SOURCE

AMU-VLAB | [LINK](#)

NodeJS, JavaScript, MongoDB, Google App engine

Developed and simulated departmental labs into an easily accessible web platform hosted on the Google Cloud. Help students to get hands-on lab experience when taking classes remotely during the pandemic.

NETWORKING | [LINK](#)

Google Cloud, VPC networking

Created multiple VPC networks with VM instances running web servers and demonstrating their connectivity. Deployed Nginx web servers and controlled the external HTTP access to them using tagged firewall rules.

CLONED-IT | [LINK](#)

Python, Flask, BeautifulSoup

Software to automate the process of making web content offline and deploying them locally when needed. Implemented using Python, Flask framework, and Python library like BeautifulSoup. It will help to study even when no accessibility to the internet.

AUTOMATION SCRIPTS | [LINK](#)

Python, Bash

Automated various day-to-day tasks, like automating google form attendance, changing my desktop images with trending photos, and downloading content from the web.

HONORS & AWARDS

- Google Cloud Readiness Program — Achieved three milestones by learning & completing labs related to networking, computing, application development, big data & machine learning using the cloud.