

# BARA NAZAL

## DevOps Engineer

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### SUMMARY

I'm a motivated computer engineer with practical experience in DevOps, cloud infrastructure, and automation. I have worked with tools such as Kubernetes, Helm, ArgoCD, Terraform, and SigNoz for deploying, managing, and monitoring systems. With a background in web development and version control using Git, I bring a well-rounded technical foundation. I'm a collaborative team player with strong problem-solving and communication skills, eager to contribute in dynamic and fast-paced environments.

### EDUCATION

Bachelor's in Computer Engineering  
Al-Balqa Applied University

GPA  
3.53 / 4.0

### EXPERIENCE

#### Freelance Programmer/app Developer

- 07/2023 - Present
- Delivered custom private software solutions for clients, including Telegram and Discord bots using Python.
  - Developed Python scripts for automating tasks with Excel files such as merging data, editing sheets, and generating charts.
  - Worked on robotics simulation projects using ROS2 and Webots, integrating Python-based Flask APIs for control and data exchange.

#### Web Developer

- Clever Mind POB  
02/2024 - 11/2024
- It is the process of designing and developing a website, setting up both the front-end and the back-end of the website. This caters to laying out a website, coding, making sure everything is functioning properly on devices and browsers. Languages used by web developers to come up with a dynamic and user-friendly website.

#### DevOps Engineer

- Digitinary  
03/2025 - Present
- Designed and implemented CI/CD pipelines using GitLab CI and GitHub Actions for automated testing and deployment.
  - Deployed containerized applications using Docker and Kubernetes (minikube/RKE2) in production and staging environments.
  - Managed Helm charts for Kubernetes applications, enabling consistent, repeatable deployments.
  - Automated infrastructure provisioning using Terraform for AWS resources like EC2, S3, VPCs, and IAM.
  - Integrated SigNoz for observability and performance monitoring of microservices.

### PROJECTS

#### Portfolio-Page

Developed a responsive portfolio website using Next.js and TypeScript, featuring dynamic project showcases and optimized performance.

#### Excel-Merger-Python

A powerful Python application that simplifies the consolidation of telecommunications network data, also generate charts from the given data.

#### CNE-GUIDE-BOT

An all-rounded Telegram bot with study materials, helping one by providing books with solution manuals, syllabuses, quizzes, past MID and FINAL exams, and so much more.

#### Courses-Monitor-Script

A Python program has been developed that extracts tabular data from a website into Excel sheets. The program sends periodical updates to a Telegram channel, warning about changes.

#### Sollant-Store

A modern e-commerce platform built with React, Firebase, and Tailwind CSS. It offers a seamless shopping experience with various features.

#### MongoDB-DataEntry

This project involves entering a specific amount of data into a data table, allowing you to later extract that data as images or an Excel sheet

## TECHNICAL SKILLS

- **DevOps & Cloud:** Hands-on experience with Git, GitHub/Lab, Docker, Kubernetes, Helm, ArgoCD, Terraform, and AWS.
- **Operating Systems:** Comfortable working in Linux and Windows environments for development and deployment.
- **Database:** Familiar with SQL for querying and managing relational databases.
- **Automation & Scripting:** Developed automation tools and bots using Python, including Excel manipulation and API integrations.
- **Mobile & Security:** Strong understanding of iOS app development principles, including mobile security and jailbreaking concepts.

## TRAINING / COURSES

<b>AWS: Cloud Practitioner</b> ManaraTech	<b>AWS: AI Practitioner</b> ManaraTech	<b>Python 3 Programming at University of Michigan.</b> Coursera
<b>ReactJS Learning Path</b> FronEnd Masters	<b>Full Stack Web Development</b> Udacity	

## PASSIONS AND STRENGTHS

- **Curious Learner:** Passionate about learning and staying up to date with advancements in software development, DevOps and AI.
- **Open Source Contribution:** Enjoy contributing to open-source projects and collaborating with a global community of developers.
- **Strategic Planning:** Adept at creating actionable plans that deliver measurable results under tight deadlines.
- **Community Engagement:** Committed to peer mentoring and volunteering through student initiatives, fostering a collaborative and growth-focused learning environment.

## LANGUAGES

<b>Arabic</b>	Native	<b>English</b>	C1
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