

# Akhil Nijam Sayyad

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## OBJECTIVE

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To work in a challenging environment that allows me to leverage my skills and expertise while fostering continuous learning and contributing to the success of the organization.

## SKILLS

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- ❖ **Programming Language :** Python, OOPs Concepts
- ❖ **Database:** MySQL.
- ❖ **Tools :** Git, Github, Jenkins, Docker, Kubernetes, CI/CD, Terraform, Ansible, Grafana-Prometheus
- ❖ **Cloud Platform :** AWS (IAM, EC2, S3, EBS, VPC, RDS, CloudFormation, EFS, Route53, SNS, CloudWatch, CloudTrail, ElasticBeanStalk, ECS, EKS)
- ❖ **Operating System :** Windows, Unix/Linux.

## EXPERIENCE

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### AWS Cloud Engineer Intern – Greatway Software Solutions

*Nov 2024 – Apr 2025*

- ❖ Configured and optimized AWS infrastructure using EC2, S3, IAM, and CloudFormation, ensuring scalable and secure cloud environments.
- ❖ Automated deployment processes with CI/CD pipelines and enabled continuous monitoring with CloudWatch and custom alerts.
- ❖ Enforced cloud security and compliance by implementing IAM best practices, regular audits, and encryption for data in transit and at rest.

## EDUCATION

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### MscTech (Industrial Mathematics with computer Applications)

*June 2021 -July 2024*

Nowrosjee Wadia college Pune.

**CGPA 8.2/10**

### Bachelor of Science (Statistics)

*June 2018 – February 2021*

Modern College Ganeshkhind Pune.

**Grade - A**

### Class 12<sup>th</sup> - HSC

*June 2017 – March 2018*

Mahatma Gandhi College Karjat.

**Percentage – 74.77%**

### Class 10<sup>th</sup> – SSC

*June 2015 – March 2016*

Shri Siddheshwar Vidyalaya Bhambora

**Percentage – 90.80%**

## PROJECTS

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### Project Title: Bank System (python)

- Developed a desktop banking application for managing bank operations, including account creation, login, credit/withdrawal transactions, and balance management.
- Implemented a loan eligibility module based on customer credentials such as CBIL score, annual income, and family size to determine eligibility and Generated detailed loan reports for eligible applicants and used text file storage to store customer and transaction details.
- Technologies Used: Python,Tkinter,OOPS,File Handling,Loan Eligibility Logic.

### Project Title: CI/CD Implementation of python code with DockerImage and Deployment on k8s cluster

- Implemented a CI/CD pipeline using Jenkins for automated testing, building, and deployment of Python applications, ensuring efficient and reliable code delivery.
- Dockerized Python application for consistent and scalable deployment across environments, optimizing application portability and reducing deployment overhead.

- Deployed Python applications on a Kubernetes cluster, leveraging Helm and kubectl for automated scaling, management, and orchestration of containerized services in production.
- Technologies Used: Git, Github, Docker ,Jenkins, DockerHub, Kubernetes

## CERTIFICATIONS

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- AWS and DevOps - By Fusion Software Institute Pune.
- Digital 101 Journey – By Nasscom