

Abhishek Nagare

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Professional Summary

DevOps Engineer with hands-on experience in automating infrastructure, streamlining deployment workflows, and improving cloud operations. Passionate about building secure, scalable, and highly available cloud solutions.

Education

Bachelor of Engineering (Computer Engineering) CGPA: 7.58 June 2024
Dr. D. Y. Patil Institute of Engineering, Management and Research, Pune

Higher Secondary (12th) 2020
Sant Tukaram English Medium School and Junior College, Pune

Secondary (10th) 2018
The Good Samaritan School, Pune

Technical Skills

Platforms and Tools: AWS(Cloudformation, EC2, S3, Cloudfront, VPC), CICD Pipelines, Git, Docker, Kubernetes, Terraform, Jenkins, Gitlab, Azure, GCP.

Programming Languages: Python, Bash, Java, C#, SQL.

Frameworks: ASP.NET Core (.NET), Spring Boot, Django

Experience

Project Engineer — Wipro Technologies Ltd., Pune Mar 2025 – Present

- Designed and maintained **CI/CD pipelines** using **AWS** deployment services enabling seamless infrastructure automation and reducing deployment errors.
- Proactively worked to keep environments healthy and aligned with **AWS best practices**, leading to improved customer satisfaction and reduced operational overhead.
- Implemented **Infrastructure as Code** with **Terraform**, increasing deployment speed by **40%** and reducing error by **50%**.
- Worked extensively with **AWS services** including **EC2, VPC, IAM, Load Balancers**, networking and configured **IAM roles** following **least-privilege** security policies.

Graduate Engineer Trainee— LTIMindtree Ltd., Mumbai Sept 2024 – Nov 2024

- Worked on .NET, C# for a project following **Agile methodologies**, and SDLC best practices.
- Designed and implemented RESTful APIs using ASP.NET Core and C#, enabling seamless communication between frontend and backend services.
- Validated API functionality using **Postman** and resolved backend defects during sprint cycles.
- Integrated SQL Server with **Entity Framework Core** to perform CRUD operations and implemented JWT-based authentication with role-based authorization.

Software Engineer Intern — Proazure Software Solutions Pvt. Ltd., Pune Jan 2023 – Mar 2023

- Developed a web-based automation solution to eliminate repetitive manual messaging using **Robotic Process Automation (RPA)**.
- Designed and implemented automation workflows using **UiPath** and **Automation Anywhere** to streamline repetitive business processes.
- Integrated automated workflows with web applications to improve process efficiency and reduce manual intervention.

Academic Project

Sign Language Recognition System using Machine Learning — *Python, TensorFlow, OpenCV, MediaPipe*

- Developed a real-time sign language recognition system using **computer vision** and **deep learning** techniques.
- Implemented **Convolutional Neural Networks (CNNs)** and **Long Short-Term Memory (LSTM)** models for dynamic hand gesture recognition.
- Processed live webcam video streams using **OpenCV** and **MediaPipe** to detect hand landmarks and perform real-time gesture classification.

Relevant Projects

3-Tier Web Application on AWS — *AWS, EC2, RDS, S3, VPC, IAM, Security Groups, Application Load Balancer*

- Deployed a full-stack web application on AWS using a **3-tier architecture** with **EC2** for the application layer, **RDS** for the database layer, and **S3** for static asset storage.
- Designed a custom **VPC** with public and private subnets to isolate application and database resources from direct internet access.
- Configured **IAM roles** and **security groups** following least-privilege principles to control access between application components.
- Configured an **Application Load Balancer (ALB)** to distribute incoming traffic to the EC2 instance and improve application availability.

CI/CD Pipeline with GitHub Actions — *GitHub Actions, AWS EC2, CI/CD, SSH, Bash, Git*

- Built an automated **CI/CD pipeline** using **GitHub Actions** to deploy code changes to AWS automatically on every push to the main branch.
- Configured automated **build and test stages** before deployment, reducing manual verification effort.
- Automated deployment to an **AWS EC2** instance using SSH-based deployment scripts, eliminating manual server updates.
- Reduced deployment time by replacing a manual multi-step deployment process with a single automated workflow triggered by Git commits.
- Integrated **pipeline status checks** into the GitHub repository to provide visibility into deployment health and workflow results.

Certifications

- AWS Certified Solutions Architect – Associate
- AWS Certified Cloud Practitioner
- Microsoft Certified: Azure Fundamentals (AZ-900)
- Google Associate Cloud Engineer