

# Hridayesh Sanjay More

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## SUMMARY

**Cloud Engineer** with expertise in **AWS infrastructure deployment, automation, and cost optimization**. Skilled in designing and implementing **scalable, high-availability cloud architectures** using **EC2, S3, Load Balancers, Auto Scaling, and IAM**. Experienced in managing **cloud migrations, serverless applications, and storage solutions** while ensuring security and compliance. Proficient in **infrastructure as code (IaC)** and cloud monitoring with **CloudWatch**. Passionate about optimizing cloud performance, reducing operational overhead, and enabling seamless deployments.

## EXPERIENCE

### AWS DevOps jr Engineer

Genie Us Tech

November 2024 -January 2025, Bengaluru

- As a Cloud Engineer Intern specializing in DevOps, I gained hands-on experience with AWS services by hosting websites and developing cloud projects. My work involved deploying applications using CI/CD pipelines, implementing infrastructure as code, and monitoring performance with AWS tools. This experience has honed my skills in cloud architecture and automation, preparing me for a successful career in cloud engineering.
- Developed automated deployment pipelines using AWS CodePipeline and Terraform, enabling a seamless continuous integration/continuous deployment (CI/CD) process that decreased deployment times by 50% and improved release frequency.

## PROJECTS

### Elearner

SELF • [e-tech-unts5.vercel.app/](https://e-tech-unts5.vercel.app/) • September 2024 - November 2024

- This project focuses on the creation of a dynamic e-learning platform that facilitates knowledge sharing between lecturers and students. The platform features two main roles—lecturers, who can upload and organize study content by chapters, and students, who can enroll in courses via secure payments through Stripe.
- **Progress Monitoring:** Students' learning progress is actively tracked to enhance their educational experience and motivation.
- **AWS Deployment:** The server is deployed using Docker containers on AWS, utilizing services such as ECR for container management, Lambda for serverless functions, API Gateway for communication, DynamoDB for data storage, S3 for file storage, and CloudFront for fast content delivery.
- **Secure User Authentication:** A robust login system ensures secure access while maintaining data integrity across both lecturer and student interactions.

### High Availability Web Application on AWS

Self • July 2024 - August 2024

- **Description:** Designed and deployed a scalable, highly available web application using **AWS EC2, Application Load Balancer (ALB), and Auto Scaling** to ensure optimal performance and fault tolerance. Configured **auto-scaling policies** to dynamically adjust instances based on traffic and CPU utilization, improving cost efficiency. Integrated **CloudWatch monitoring** for real-time performance tracking and automated scaling triggers. Implemented **multi-AZ deployment** for resilience and load balancing to distribute traffic efficiently.
- **Key Technologies:** AWS EC2, Application Load Balancer (ALB), Auto Scaling, CloudWatch, IAM, Security Groups.
- **Key Achievements:** Improved application availability by deploying instances across multiple AZs. Reduced operational costs through automated scaling and traffic-based instance optimization. Enhanced security by implementing IAM roles and security best practices.

### Ambulance Booking System

Self • May 2024 - July 2024

- **Description:** Developed a user-friendly **file manager web application** using **HTML** and **CSS** for the frontend, enabling users to **upload, download, and list files** stored in an **AWS S3 bucket**. Hosted the application on an **AWS EC2 instance** for high availability and performance. Integrated the AWS SDK to seamlessly interact with S3, allowing real-time file management operations. Ensured security and scalability by configuring appropriate **IAM roles** and **S3 bucket policies**.
- **Key Technologies:** HTML, CSS, AWS S3, AWS EC2, IAM.
- **Key Achievements:**
  - Successfully enabled seamless file management operations directly via the web interface.
  - Improved user experience with a responsive and intuitive design.
  - Enhanced security and compliance by implementing AWS best practices.

## EDUCATION

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### Bachelor of Engineering (B.E.) Information Technology

Vidyavardini's College of Engineering and Technology, • Mumbai • 2022 • 7.35

### Intermediate(XII)

Minor in Chemistry • Shri L.P.Raval Jr. College of Commerce & Science • Maharastra • 2018 • 68.15%

### Matriculation(X)

Minor in Science • SSC • Maharashtra • 2016 • 74%

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## CERTIFICATIONS

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### Full Stack Developer(Python)

IT. Vedant • 2024

- It validates a developer's expertise in both front-end and back-end technologies, making them adaptable to various project needs.
  - The certification helps ensure that developers are up-to-date with the latest industry trends and best practices.
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## INVOLVEMENT

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### Technical Head

Vidyavardini's College of Engineering and Technology • Student Council • January 2019 - January 2022

- **Digital Communication:** Managed the Student Council's website and social media platforms to promote events and engage with students effectively.
  - **Skill Development Initiatives:** Organized workshops to enhance students' technical skills, such as coding and digital literacy, fostering a tech-savvy school environment.
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## SKILLS

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Front-End: HTML,CSS,Javascript,ReactJs.

Back-End: Python,NodeJs,Django

Cloud: AWS