

## SUMMARY

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Cloud-focused engineer with growing expertise in **AI-driven automation using platforms like Einstein AI**, cloud infrastructure, diagnostics, and analytics. Skilled in **troubleshooting workflows, predictive scripts, dashboards, and documentation**. Experienced with AWS deployments, analyzing logs and metrics, and collaborating across engineering, product, and support teams to enhance reliability and customer experience.

## EDUCATION

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**Northeastern University**, Boston, MA

*Expected Sep 2026*

M.S. in Information Systems with emphasis on **Software Engineering and Computer Science Principles**

Relevant Coursework: Algorithms, Data Management, UX Design

**Amrutvahini College of Engineering**, India

*Mar 2023*

Bachelor of Engineering in Computer Engineering

Coursework: Artificial Intelligence, Cloud Computing, Machine Learning, Deep Learning

## TECHNICAL SKILLS

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**Languages:** Python, JavaScript (ES6+), SQL, Java, Bash

**AI & Data:** Machine Learning fundamentals, Predictive analytics, Pandas, NumPy, Scikit-Learn, Einstein AI (conceptual)

**Cloud Platforms:** AWS (EC2, S3, RDS, IAM, Lambda, CloudWatch), Azure (introductory), GCP (basic)

**Automation & DevOps:** Docker, Terraform, GitHub Actions, Jenkins, Linux, AWS CLI

**Monitoring & Dashboards:** CloudWatch dashboards, log analysis, alerting pipelines, metrics visualization

**Backend & APIs:** Node.js, Express.js, REST API development

**Databases:** MongoDB, PostgreSQL, MySQL

**Tools:** Git, Postman, Swagger, Figma

**Practices:** Troubleshooting, Incident analysis, CI/CD, Agile collaboration

## EXPERIENCE

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**AWS DevOps Engineer Intern**

Jul 2023 – Oct 2023

*Sumago Infotech, India*

- Collaborated with engineering and support teams to analyze customer-facing issues while supporting AWS deployments (EC2, S3, RDS, IAM, VPC).
- Built Python automation scripts for diagnostics, log parsing, and environment validation, improving issue detection efficiency.
- Designed CloudWatch dashboards and gained exposure to **Salesforce Service Cloud + Einstein AI** to understand AI-assisted support workflows.
- Automated cloud provisioning using Terraform for predictable, repeatable environment setups.
- Documented runbooks, troubleshooting steps, and root-cause analyses to support operational readiness.

**Full-Stack Developer Intern**

Sep 2021 – Apr 2022

*Sumago Infotech, India*

- Maintained internal knowledge base and troubleshooting documentation for backend flows and API behaviors.
- Developed full-stack features using React.js, Node.js, and MongoDB focused on reliability and clean architecture.
- Supported API debugging, validation scripts, and containerized deployments, strengthening DevOps and support workflows exposure.

## PROJECTS

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**Terraform VPC Automation — AWS Cloud Infrastructure**

- Built AWS VPC using Terraform with subnets, route tables, IGW, and EC2 instances.
- Implemented modular IaC with variables for reusable deployments.
- Validated routing and architecture via AWS Console for reliable cloud provisioning.

**Sign Language Recognition System (Python + CNN + OpenCV)**

- Developed a real-time gesture recognition pipeline using CNNs and OpenCV.
- Implemented preprocessing, inference logic, and accuracy improvements.
- Added debugging and logging inspired by AI-driven diagnostic patterns.

**Job Portal Web Application (MERN + AWS EC2)**

- Built MERN platform with JWT auth, REST APIs, and backend validation.
- Deployed on AWS EC2 using Docker with CI/CD pipelines via GitHub Actions.
- Integrated monitoring and structured logs to support troubleshooting.

## ADDITIONAL INFORMATION

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**Soft Skills:** Communication, analytical thinking, teamwork, customer-focused troubleshooting

**Interests:** Cloud reliability, AI-assisted diagnostics, automation workflows, customer support engineering