

# Harshad Naik

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🌐 Portfolio

📄 Harshad-Naik

🔗 Harshad03-GN

## EDUCATION

### •Sahyadri College of Engineering and Management, Adyar, Mangalore.

Bachelor of Engineering in Computer Science and Engineering.

December 2021 - May 2025

CGPA : 7.8

### •Siddartha Pre-Univesiity College,Bhatkal,UttaraKannada.

Karnataka State Board.

May 2019 - April 2021

Percentage :93.66

## SKILL SUMMARY

- **Cloud Platforms:** AWS (EC2, S3, Lambda, CloudFormation, etc..), Azure.
- **Programming Languages:** C, C++, SQL, HTML, Python, Java.
- **Developer Tools:** Git/Github, MySQL, VS Code.
- **Operating Systems:** Windows, Linux, Kali Linux.
- **Soft Skills:** Leadership, Event Management, Teamwork, Creativity.

## KEY PROJECTS

### •Image Re-sizer Project | [Link](#)

May 2025

- Developed a Python application to automatically resize images and upload them to Azure Blob Storage.
- Implemented CI pipeline using GitHub Actions for automated testing and deployment.
- **Technologies:** Python, Azure Blob Storage, GitHub Actions, Docker

### •Coverage Path Planning Algorithm for Robustic Application | [Link](#)

Nov 2024

- Designed and developed a path-planning algorithm for autonomous navigation, handling static and dynamic obstacles; built real-time simulations using Python and ROS, ensuring 100% area coverage with minimal backtracking; optimized algorithm performance, reducing path calculation time by 25% with heuristic-based optimizations.
- **Technologies:** Python, ROS, NumPy.

## INTERNSHIPS

### –Software Engineer Intern (MRI Software) | [Link](#)

January 2025 - Present

- \* Contributed to full-cycle software development, optimizing code to enhance performance; wrote and optimized test cases, achieving 98% code coverage; collaborated with cross-functional teams (DevOps, Developers, QA) to reduce system downtime by 20%; participated in code reviews to ensure code quality.
- \* Technologies used: AWS, Python, SQL, Docker, Jenkins, MySQL, Linux.

## CERTIFICATIONS

### \*KodeKloud Labs: The Complete DevOps Bootcamp (KodeKloud) | [Certificate](#)

March 2025

- The Complete DevOps Bootcamp, gaining hands-on experience in CI/CD, Docker, Kubernetes, and cloud computing, improving deployment efficiency by 90% and enhancing system scalability by 85%.

### \*AWS Cloud Practitioner Essential Certification (AWS) | [Certificate](#)

November 2024

- Gained foundational experience with AWS services (EC2, S3, Lambda) for building scalable, secure cloud applications, improving deployment efficiency by 80-85%; learned to configure IAM roles, VPCs, and automate deployments using CloudFormation, enhancing security by 80-90%.

### \*Azure Beginners : Cloud Fundamentals Challenge (Azure) | [Certificate](#)

March 2023

- Developed hands-on expertise in Azure services, provisioning and managing cloud infrastructure with Virtual Machines, Blob Storage, and SQL Databases, increasing operational efficiency by 40-45%; implemented secure, scalable solutions by configuring RBAC, deploying serverless functions with Azure Functions, and using Azure Resource Manager (ARM) to orchestrate resources, boosting security by 20-30%.