

Nikita H

Indian Citizen

Computer Science Enthusiast

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Education

Govt First Grade Women's College

Expected Graduation, May 2027

Bachelor of Computer Applications – 8.45 CGPA

Karwar, Karnataka

- Concentrations: Infra, Cloud Computing, Software Development
- Related Coursework: Data Structures & Algorithms, Machine Learning, Artificial Intelligence, Object-Oriented Programming
- Learning about the digital infrastructure

Government Polytechnic Karwar

July 2020- June 2023

Diploma in Computer Science & Engineering – 8.08 CGPA

Karwar, Karnataka

- Concentrations: Cloud Computing, IoT
- Related Coursework: Python, Software Engineering, Database Management System.

Technical Skills

Languages: Python, JavaScript, C, C#

Developer Tools: VS Code, Excel, VS Code, PyCharm, AWS, Power BI

Operating Systems: Windows, Ubuntu: Windows, Linux

Projects

Server Monitoring in AWS / AWS CloudWatch, CloudTrail, EC2, S3, IAM

May 2025

- Enhanced a **scalable AWS-based monitoring system** to **track server performance** and ensure infrastructure
- Integrated CloudWatch and CloudTrail for real-time logs and alerts.
- Optimized resource utilization and enhanced system reliability.

ML Crop Recommendation System / Python, Random Forest, IoT, Data Analytic

January 2025

- Designed a predictive model to recommend crops based on soil, climate, and geolocation data.
- Integrated IoT sensor data for real-time analysis and improved accuracy.
- Enabled sustainable farming with data-driven decision support.

AWS Billing Alert / AWS Budgets, CloudWatch, SNS, Lambda

October 2024

- Built an automated cost monitoring system to control AWS usage and avoid billing spikes.
- Triggered notifications via Lambda and SNS upon budget threshold breaches.
- Improved cost visibility and accountability in cloud operations.

Mental Health Support & Therapist Matching Platform / HTML, CSS, JavaScript,

May 2024

Node.js, Express.js, MySQL

- Created a full-stack web app for secure client-therapist matching with a focus on privacy and responsiveness.
- Implemented backend authentication, session handling, and database management.
- Delivered an intuitive interface with mobile-friendly design.

Certification

Deloitte Australia – Data Analytics Job Simulation <ul style="list-style-type: none">• Forage	June 2025
Introduction to Generative AI <ul style="list-style-type: none">• Google Cloud Skill Boost	June 2025
Excel with Copilot: AI-Driven Data Analysis <ul style="list-style-type: none">• Coursera by Google	Nov 2024
Generative AI Productivity Skills <ul style="list-style-type: none">• Microsoft LinkedIn Learning	Nov 2024
Copilot in PowerPoint <ul style="list-style-type: none">• Microsoft LinkedIn Learning	Nov 2024
AWS Academy Graduate <ul style="list-style-type: none">• Amazon Web Services (AWS)	Dec 2022