

# Nivedha M

+91 6380362064 | nivedha1811@gmail.com | nivedhaportfolio.netlify.app | github.com/Nivedha1811 | linkedin.com/in/nivedha1819

## SUMMARY

Cloud Engineer skilled in Python and SQL, with hands-on experience deploying scalable web and data-driven applications. Strong foundation in cloud computing, networking fundamentals, and database management. Proven ability to design efficient, secure, and user-centric solutions through academic projects and internships, with a keen interest in leveraging cloud platforms to optimize performance and reliability.

## TECHNICAL SKILLS

**Cloud & Networking:** AWS(EC2, S3, VPC Basics), Cloud Deployment, Elasticity and Scalability, Networking Fundamentals

**Programming & Database:** Python(Flask), SQL

**Front-end:** HTML, CSS, Bootstrap, Responsive Design

**Version Control:** Git, GitHub

**Tools & Platforms:** Visual Studio Code, MySQL Workbench, Jupyter Notebook, Google Collab, Linux

**Certifications & Badges:** AWS Cloud Practitioner Essentials - AWS Skill Build, Software Testing - NPTEL, IBM Cloud Essentials Badge - Issued By IBM, Networking Basics Badge - Issued By Cisco

## EXPERIENCE

### Web Developer Intern

Renacto Enterprise Solutions

Feb 2024 – Mar 2024

Cuddalore

- Enhanced website functionality and UI/UX for Nanoceut Therapeutics, improving mobile responsiveness and increasing user engagement by 25%.
- Applied cross-browser compatibility fixes and Bootstrap frameworks to deliver consistent web experiences.
- Created and maintained reusable frontend components and forms, improving development efficiency.

## PROJECTS

### Fraud Guard

Apr 2025 – Aug 2025

- Developed using Flask, Python, and a trained ML model, improving transaction risk prediction accuracy and reducing manual review efforts by 60%.
- Processed and prepared over 15,000 e-commerce transaction records with data cleaning, encoding, and scaling techniques, improving ML model accuracy by 18%.
- Built a responsive dashboard with interactive charts using Chart.js and hosted on GCP.

### TV Net Manager

Mar 2023 – May 2023

- Engineered using HTML, CSS, PHP, and MySQL to streamline customer data handling for network operators.
- Connected PHP with phpMyAdmin to securely fetch, display, and manipulate data, ensuring content rendering from the database.
- Deployed a CRUD-based web application to manage records, streamlining operations for TV operators.

## EDUCATION

### Master of Computer Applications (MCA)

Karpaga Vinayaga College of Engineering and Technology, Chengalpattu

Sep 2023 – Aug 2025

CGPA: 8.4

### Bachelor of Computer Applications (BCA)

St. Joseph's College of Arts and Science, Cuddalore

Aug 2020 – Apr 2023

CGPA: 7.9