

Nivedha M

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SUMMARY

Recent MCA graduate with strong skills in Python, SQL, and web application development. A Solid foundation in Cloud Computing, Database Management, and OOPS concepts, with proven ability to deliver secure and efficient solutions through academic projects and internships. Passionate about leveraging modern frameworks and technologies to build scalable, innovative, and reliable software applications.

TECHNICAL SKILLS

Cloud & Networking: Cloud Deployment, Elasticity and Scalability, Networking Fundamentals

Programming & Database: Python, SQL

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

Version Control: Git, GitHub

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

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.

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