

# NIVEDHA P M

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Chennai, Tamilnadu - 600054, India

## EDUCATION

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- **Aalim Muhammed Salegh College of Engineering** 2021-2025  
*B.E.Computer Science and Engineering* Chennai, India
  - CGPA: 8.35/10
- **Kendriya Vidyalaya Air Force Station Avadi** 2019  
*12th Standard(Higher Secondary Education)-CBSE* Chennai, India
  - Percentage: 71.20%
- **Kendriya Vidyalaya Air Force Station Avadi** 2017  
*10th Standard(Secondary Education)-CBSE* Chennai, India
  - CGPA: 9.2/10

## EXPERIENCE

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- **Zoho Corporation** Jan 2025 - Present  
*Software developer Intern* Tenkasi
  - Gained hands-on expertise in Java, Spring Boot, MySQL, and web technologies while building real-world full-stack applications
  - Developed and deployed full-stack features, including authentication and security, user management, task tracking, and performance dashboards, enhancing practical understanding of the software development lifecycle.
  - Strengthened skills in problem-solving, code optimisation, and collaborative development, applying industry best practices in a professional team environment.
- **Walmart USA [Certificate Link]** September 2024  
*Advanced Software Engineering Job Simulation - Forge* Remote
  - Enhanced processing efficiency by 50% by constructing an optimised heap data structure in Java, which led to faster algorithm execution and improved system responsiveness.
- **Accenture [Certificate Link]** September 2023  
*Developer Job Simulation - Forge* Remote
  - Reduced infrastructure costs by 25% through AWS cloud migration and achieved 95% user satisfaction by performing UAT, leading to improved availability and alignment with user expectations.

## SKILLS

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- **Programming Languages:** JAVA
- **Web Technologies:** HTML5, CSS3, JavaScript, React.js
- **DBMS:** MySQL
- **Core CS Skills:** Data Structures and Algorithms
- **Frameworks & Tools:** Spring Boot, Spring Security, Maven
- **API & Integration:** REST API, Mail Integration (Mailtrap, Gmail, JavaMailSender), JWT, Postman
- **Version Control :** Git, GitHub
- **Cloud & Deployment:** Vercel (Frontend), DigitalOcean (Backend)
- **Design Tools:** Figma, Canva

PROJECTS

- Pathigai – Student Progress Tracking System

Tools: Java, Spring Boot, MySQL, CSS, React.js, REST API, JWT, Mailtrap, DigitalOcean, Vercel, Git, Maven

Present

[\[🔗 - Project Link\]](#)

- Developing a full-stack web application to track students during their internship journey—from interview scheduling, onboarding, to performance evaluation—aiming to centralise monitoring for 100+ interns.
  - Implemented authentication and role-based access control using Spring Security and JWT to secure sensitive student and faculty data, ensuring robust data security.
  - Completed the User Management module with automated mail invitations and verifications via Mailtrap, improving onboarding efficiency by 80
  - Deployed the application with frontend on Vercel and backend on DigitalOcean, configured a custom domain with SSL, and maintained separate production and development Git branches for reliable CI/CD.
  - Currently developing the Interview Process module, with upcoming modules for Task Management, Performance Tracking, and Recruitment, aiming to reduce manual internship tracking effort by 70
- Steganography Project

Tools: Python, Fernet encryption technique

August 2024

[\[🔗 - Project Link\]](#)

- Built a secure message-hiding application using LSB and Fernet encryption, enabling reliable image-based data embedding and retrieval for over 1,000 messages.
- TechEvo’24 Hackathon

Tools: HTML, CSS, JavaScript, Google Form

March 2024

[\[🔗 - Project Link\]](#)

- Delivered a fully responsive website for a college hackathon event, ensuring seamless accessibility across devices and enhancing user engagement.
- Procurement Application Prototype Development

Tools: Figma, Adobe After Effects

January 2024

[\[🔗 - Project Link\]](#)

- Led the UI/UX design of a construction procurement platform prototype, enhancing user interaction and streamlining stakeholder collaboration.

CERTIFICATIONS

- Short Course on Cybersecurity Management - Charles Sturt University

May 2024

• WebDevelopment Bootcamp - Udemy

February 2024

• AWSCloudPractitioner - Coursera Offered by AWS

September 2023

• Introduction to Git and GitHub - Google

September 2023

• Creative Thinking: Techniques and Tools for Success - Imperial College London

September 2023

ACHIEVEMENTS

- JEE Mains

Secured 79.36 percentile in JEE Mains examination

2021

• Rajya Puraskar Award

Honored with the Rajya Puraskar Award from the Honorable Governor- The Bharat Scout and Guide

2016

• National Level Taekwondo Player

KVSSport Championship

2014

- Attained gold medal in regional and state level sports events, showcasing dedication to excellence by competing against hundreds of participants, culminating with involvement in a highly competitive national championship.