

NIVEDHA P M

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Chennai, Tamilnadu - 600054, India

EDUCATION

- **Alim 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

- **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 - Forage 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 - Forage 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

- **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

Present

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

[ - 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

August 2024

Tools: Python, Fernet encryption technique

[ - 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

March 2024

Tools: HTML, CSS, JavaScript, Google Form

[ - 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

January 2024

Tools: Figma, Adobe After Effects

[ - 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

2021

Secured 79.36 percentile in JEE Mains examination

• Rajya Puraskar Award

2016

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

• National Level Taekwondo Player

2014

KVSSport Campionship

- 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.