

# NIVEDHA P M

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Chennai, Tamil Nadu – 600054, India

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## PROFESSIONAL SUMMARY

Detail-oriented and results-driven **Software Developer Intern** with hands-on experience in **Java, MySQL, and Web Technologies**. Passionate about building efficient, scalable full-stack applications with a strong focus on **clean architecture, API integration, and security**. Skilled in **problem-solving, data structures, and collaborative agile development**. Demonstrates consistent academic excellence and a proven ability to adapt and deliver innovative solutions in fast-paced environments. Actively exploring opportunities in **software development, backend engineering, and full-stack application design**.

## EDUCATION

**Aalim Muhammed Salegh College of Engineering - B.E. Computer Science and Engineering**  
Chennai, India | 2021- 2025  
**CGPA:** 8.35 / 10

**Kendriya Vidyalaya Air Force Station, Avadi - Higher Secondary Education (CBSE)**  
Chennai, India | 2019  
**Percentage:** 71.20%

**Kendriya Vidyalaya Air Force Station, Avadi - Secondary Education (CBSE)**  
Chennai, India | 2017  
**CGPA:** 9.2 / 10

## EXPERIENCE

**Zoho Corporation - Software Developer Intern**  
Tenkasi | Jan 2025 - Present

- Gaining practical experience in **Java, MySQL, and web technologies** through real-world development.
- Successfully architected, built, and delivered **two full-stack web applications end-to-end**, executing the **complete SDLC** — from requirement analysis, project planning, and UI/UX prototyping to development, testing, deployment, and hosting.

**Walmart USA (Forge) - Advanced Software Engineering Job Simulation**  
Remote | Sep 2024

- Enhanced processing speed by **50%** via optimised **heap data structure** implementation in Java.
- Strengthened algorithmic problem-solving and performance optimisation skills.

**Accenture (Forge) - Developer Job Simulation**  
Remote | Sep 2023

- Reduced infrastructure costs by **25%** through **AWS cloud migration** initiatives.
- Improved end-user satisfaction to **95%** by conducting **User Acceptance Testing (UAT)** and refining system performance.

## TECHNICAL SKILLS

- **Programming:** Java
- **Web Technologies:** HTML5, CSS3, JavaScript, React.js
- **Database Management:** MySQL
- **Frameworks & Tools:** Spring Boot, Maven
- **Concepts & Technologies:** Data Structures and Algorithms, SDLC, MUI, OAuth 2.0
- **API & Integrations:** REST API, JWT, Mail Integration (Mailtrap, Gmail, JavaMailSender),
- **Testing Tools:** Postman
- **Version Control:** Git, GitHub
- **Cloud & Deployment:** Vercel, DigitalOcean, Oracle Cloud Infrastructure
- **Design Tools:** Figma, Canva

## PROJECTS

### Clippr– URL Shortener & QR Code Generator (November 2025)

[\[Project Link\]](#) [\[GitHub Link\]](#)

*Java, MySQL, Jakarta EE, Tomcat, OAuth 2.0, JavaScript, Maven, REST API, Oracle Cloud*

- Engineered a full-stack platform providing secure URL shortening and customizable QR code creation, integrating Google and Zoho OAuth 2.0 for seamless authentication and user onboarding.
- Optimised backend architecture with Jakarta Servlets and an indexed MySQL schema, boosting query efficiency by 60% while supporting 100+ users and generating over 1,000 QR codes.
- Orchestrated cloud deployment on Oracle Free Tier with HTTPS domain routing and GitHub-based CI/CD pipelines, ensuring reliable builds, automated delivery, and production-grade scalability.

### Pathigai – Student Progress Tracking System (October 2025)

[\[Project Link\]](#) [\[GitHub Link\]](#)

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

- Developing a **centralised web platform** for tracking over **100+ student internships** from onboarding to evaluation.
- Implemented **secure authentication** and **role-based access** using Spring Security and JWT.
- Automated email invitations and verification, improving onboarding efficiency by **80%**.
- Deployed with frontend on **Vercel** and backend on **DigitalOcean**, implementing CI/CD with Git branching.
- Currently building **Interview and Performance Tracking modules**, projected to cut manual tracking by **70%**.

### TechEvo'24 Hackathon Website (Mar 2024)

[\[Project Link\]](#) [\[GitHub Link\]](#)

*HTML, CSS, JavaScript, Google Forms*

- Built a **responsive event website**, enhancing accessibility and participation for a college-wide hackathon.

### Procurement Application Prototype (Jan 2024)

[\[Design Link\]](#) [\[Preview Link\]](#)

*Figma, Adobe After Effects*

- Led UI/UX design for a **construction procurement platform**, streamlining workflow and collaboration.

## CERTIFICATIONS

- **Short Course on Cybersecurity Management** – Charles Sturt University (May 2024)
- **AWS Cloud Practitioner** – Coursera (Sep 2023)
- **Introduction to Git and GitHub** – Google (Sep 2023)
- **Creative Thinking: Techniques and Tools for Success** – Imperial College London (Sep 2023)