

Neha Mary Pramod

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Professional Summary

Full Stack Developer entering my final year of B.Tech in Computer Science (CGPA: 8.63) with hands-on experience building and deploying production-ready web applications. Proficient in Next.js, Django and MERN stack, with a strong foundation in both frontend and backend engineering. Passionate about solving real-world problems—from health-tech apps to college administration tools—and continuously expanding my skill set, currently exploring WordPress development. Seeking a Full Stack Developer internship where I can contribute meaningfully from day one.

Technical Skills

Languages: Python, JavaScript, TypeScript, PHP
Frontend: Next.js, React, Tailwind CSS
Backend: Django, Node.js, Express.js, Laravel
Databases: MongoDB, MySQL, PostgreSQL, SQLite
Tools & Platforms: Git, REST APIs, Vercel, Render
Currently Learning: WordPress

Projects

Period Tracker Web App

[Live](#) | [GitHub](#)

Next.js (React), TypeScript, Django, PostgreSQL, SQLite

- Built a full-stack menstrual health tracking application with secure JWT authentication, personalised dashboards, and cycle prediction logic — currently live with 5 active users
- Integrated Google Calendar API to send automated cycle reminders and notifications, improving user engagement
- Implemented dual-database architecture — PostgreSQL for user data (production) and SQLite for local development.

Point Hub — Activity Points Calculator

[Live](#)

React, Node.js, Express.js, MongoDB

- Built an automated system replacing manual spreadsheet tracking for KTU student activity points — processing document uploads and calculating scores per university scheme in under 3 seconds.
- Designed a role-based approval workflow enabling teachers to review, approve, or reject student submissions via a dedicated portal — reducing administrative processing time by an estimated 70%.
- Implemented document upload validation and status tracking, giving students real-time visibility into their points approval pipeline.
- College has formally approved the project for campus-wide deployment

Blog Post Application

[Live](#) | [GitHub](#)

Laravel, PHP, Blade, Tailwind CSS, SQLite

- Built a full-featured CRUD blog platform with user authentication, image upload, post editing/deletion, search, and pagination
- Developed during internship at Accelray Technologies-deepened PHP/Laravel backend expertise through hands-on production development

Portfolio Website

[Live](#)

React, TypeScript, Tailwind CSS

- Designed and built a fully responsive portfolio showcasing projects, skills, and experience with clean UI and smooth navigation

Experience

Web Developer Intern — Accelray Technologies Pvt Ltd, Infopark, Kochi

(1 Month)

Stack: PHP, Laravel, Blade


- Independently designed and developed a full-featured blog application using Laravel with authentication, image upload, CRUD operations, search, and pagination
- Applied MVC architecture and Laravel best practices to build scalable and maintainable backend systems
- Participated in code review sessions with senior developers, incorporating feedback to improve code quality and follow clean coding standards

Education

B.Tech in Computer Science, Muthoot Institute of Technology and Science, Kochi	2023 – 2027
<i>APJ Abdul Kalam Technological University (KTU) - CGPA: 8.63</i>	
Higher Secondary (Class 12), Toc-H Public School	2023
<i>Central Board of Secondary Education (CBSE) - 93.4%</i>	
Secondary (Class 10), Toc-H Public School	2021
<i>Central Board of Secondary Education (CBSE) - 95.4%</i>	

Leadership & Activities

IEEE Web Team Member — MITS

Contributed to building the IEEE MITS chapter web presence, including pages for major college tech fests such as Pegasus 4.0 (pegasus.ieeesbmits.in .

Documentation Team Lead — PALS MITS

Assigned to lead documentation for club activities and events; building experience in technical writing and team coordination.

Certifications

- NPTEL — Programming, Data Structures and Algorithms using Python (Elite)
- Backend Frameworks and API Development — L&T EduTech (First Class)
- End-to-End Project Lifecycle using MERN Stack Course — Zero Pixels
- IIT Guwahati Campus Immersion Program 2024 — IEEE India Council (June–July 2024)

Extracurriculars

- Sub-Junior State Basketball Championship — State Level, 4th Position
- CBSE State Kalolsav — 3rd Place (Group Dance)
- KTU D-Zone Basketball Championship — 1st Position
- KTU Interzone Basketball Championship — 2nd Position