Nithya Pandurangan

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Full-Stack Automation Engineer — Skilled in React, UI Design, and Production-Ready Web Apps

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Github: github.com/nithyapandurangan

## Education

B.Tech Computer Science - IoT Shiv Nadar University - CGPA: 8.44Chennai, India University - CGPA: 8.44Higher Secondary - 11th & 12th Gautami Junior College - 97.5%High School - 10th Vikas The Concept School - 96%H. Chennai, India 2021-2025Hyderabad, India 2019-2021 2014-2019

## Work Experience

### Full Stack Automation Engineer

Worldline Global Services

Chennai, India Nov 2024 – Current

Onboarded as a Full-time Paytech GET Intern at Worldline Global Services, contributing to the Automation team.
Responsible for designing and developing transversal products using cutting-edge technologies, including Gen AI, automation, and full-stack solutions using tools like UiPath Studio, Power Apps & Power Automate.

### Frontend Development Intern

Manasa Spices Pvt. Ltd.

Chennai, India Oct 2024 – Nov 2024

• Use case: Designed and implemented a fully responsive and functional Next.js & MongoDB based e-commerce website that facilitates online sales & showcases the company's diverse range of spices sourced directly from farmers.

### Full Stack Development Intern

Ingenium Automation Pvt. Ltd.

Chennai, India May 2024 – Sep 2024

• Use case: Built & deployed a feature-rich website for an IoT-based startup using ReactJS, Framer Motion, and Tailwind CSS, enhancing user engagement by effectively showcasing their products, solutions, and services offered.

#### UI/UX Mobile App Development Intern

Chennai, India

MATIC - Modern Agriculture Technology Innovation Centre, IIITDM Kanchipuram

Dec 2023 - Mar 2024

• Use case: Designed the interface of a cutting-edge Android mobile application for an IoT-based AgriTech startup which simplifies Mango De-sapping Machine procurement for farmers, FPOS, and packhouse owners through Figma prototyping and Flutter implementation, achieving 80% improvement in customer satisfaction metrics.

### **Projects**

• AI-Assisted Product & Skincare Recommendation System: Developed an intelligent & real-time application providing personalized beauty product recommendations based on user's features. Architected full-stack solution integrating ML model with ReactJS/Tailwind CSS frontend and Flask backend while implementing a Shopify API for seamless e-commerce functionality.

### Skills

- Programming: HTML, CSS, JavaScript, TypeScript, Python, C, C++, Java
- Databases: MySQL, MongoDB, PostgreSQL
- Frameworks & Libraries: ReactJS, React Native, Redux, Next.js, Node.js, Express, Flask, Bootstrap, Tailwind CSS
- Tools: Git, GitHub, GitLab, Jenkins, Docker, Postman API, SonarQube, Figma, UiPath, Power Apps, Power Automate
- Coursework: Data Structures & Algorithms, Agile Scrum, DevOps, Object Oriented Programming, Web Technologies

### Certifications

- NPTEL Discipline Star (Dec 2024) Awarded by IIT Madras for completing 50+ weeks of learning in Computer Science with scores above 65% in all courses
- Google UX Design Professional Certificate (Coursera, June 2024)
- UiPath Associate Automation Developer (UiPath Academy, Sep 2025)
- Worldline PayTech Pioneer Course Full Stack (April 2025)

# Leadership & Activities

Club President

Aura, SNU Chennai Design Club

April 2023 - May 2025

Chennai, India

- Revitalized campus design community by implementing structured learning initiatives and directing creative projects for the annual tech fest, cultural events, and various club activities, growing membership by 90%.
- Facilitated collaboration between design, tech, and marketing teams to deliver cohesive branding and user-centric visual experiences across campus-wide initiatives.