

PADMANATHAN V

Software Engineer

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📄 Github:<https://github.com/25rohit>,
Portfolio Link: <https://portfolio-swkm.vercel.app/>

SUMMARY

I am a results-driven Software Engineer with over 3 years of experience in developing scalable web applications and backend systems. Proficient in languages such as Java, JavaScript, and Python, I have a consistent record of delivering high-quality software on time. Collaborating effectively across teams, I bring a strong focus on performance optimization and user-centered design.

EXPERIENCE

Software Developer

R G D Information Technology

📅 01/2022 - 02/2022 📍 Chennai

A company specializing in information technology solutions

- Developed and maintained full-stack web applications using Java Spring Boot and React
- Integrated RESTful APIs and third-party libraries to extend app functionality
- Optimized application performance, reducing load time by 35%
- Collaborated with UI/UX team to ensure responsive and accessible designs

EDUCATION

Bachelor of Technology in Artificial Intelligence and Data Science

Arunai Engineering College

📅 Sep2022-May2026 📍 Tamil Nadu

Higher Secondary

Sri.V.D.S Jain Hr Sec School

75%

High Education

Sri.V.D.S Jain Hr Sec School

75%

LANGUAGES

English
Proficient



Tamil
Native



Hindi
Basic



PROJECTS

🔗 Pharmacy Drug Management System

STRENGTHS

9 Professional Strength

Strong problem-solving skills and a passion for clean, efficient code

KEY ACHIEVEMENTS

- **Achievement in Hack O Holics 2.0**
Achieved second place in a national level competition, Hack O Holics 2.0, showcasing strong problem-solving skills and innovation

SKILLS

Django Docker Git GitHub

HTML IoT Java

Java Spring JavaScript

MongoDB OpenCV Python

React REST SQL

Visual Studio Code Gmail

INTERESTS

★ Webinars and Workshops Participation

Attended various webinars and workshops to enhance knowledge in web technologies

- Web app for managing **drug inventory, supplier details, billing, and tracking medicines.**
 - Automated stock alerts & expiration monitoring.
 - Improved efficiency in pharmacy operations.
 - **Tech:** React, Node.js, MySQL.
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➡ Campus Recruitment Management System

- Digital platform for colleges to manage **student placements, recruiter info, and eligibility tracking.**
 - Automated student shortlisting based on company criteria.
 - Dashboard for recruiters and training coordinators.
 - **Tech:** Java, Spring Boot, MySQL.
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🍽 Food Safety & Quality Control

- Prototype for monitoring **food safety standards, inspections, and compliance reporting.**
 - Automated violation alerts to regulatory authorities.
 - Enabled data-driven analysis of food inspections.
 - **Tech:** Python, Django, MongoDB.
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🏢 Mall CRM Management (Concept)

- Salesforce-powered **CRM dashboard** for malls.
 - Features: **lease tracking, tenant management, and analytics.**
 - Improved decision-making for mall administrators.
 - **Tech:** React, Node.js, Salesforce (concept).
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🌡 IoT Temperature Monitor

- IoT prototype for **collecting sensor data and visualizing temperature trends.**
 - Real-time alerts for abnormal values.
 - Used in industrial and home automation.
 - **Tech:** Python, MQTT, React Dashboard.
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🚗 IoT Smart Parking System

- IoT-based parking system with **real-time slot availability tracking.**
 - Cloud dashboard + mobile app for live slot navigation.
 - Reduced congestion and improved space usage.
 - **Tech:** Python, MQTT, React.js, Node.js, MySQL.
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➡ University Counseling System

- Platform for **student career counseling and program selection.**
- AI-driven recommendations based on profile & interests.
- Dashboard for counselors to guide students.
- **Tech:** Java, Spring Boot, React.js, MongoDB.

🚂 Smart Food Delivery in Railway Stations

- System for **passengers to pre-order meals during travel.**
- Integrated with **PNR system** for seat-wise delivery.
- Optimized vendor allocation and delivery timing.
- **Tech:** Django, React Native, REST APIs, MySQL.

🌾 Crop Yield Management System

- Platform for **predicting and monitoring crop yields.**
- Uses **weather, soil, and historical data** for forecasting.
- Helps farmers with irrigation & fertilizer planning.
- **Tech:** Python, ML (Scikit-learn), Django, React.js, MongoDB.