

# KANNAKI PERUMAL

## Full Stack Developer

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## SUMMARY

I am a Full Stack Developer with 1 year of professional experience dedicated to design and deliver high-quality web applications. My expertise in React, Node.js, and Prisma ORM allows me to create responsive user interfaces and secure, scalable back-end systems. I am committed to excellence and strive to provide results that align with organizational goals.

## EXPERIENCE

### Junior Full Stack Developer

#### M2 Data Studio Private Limited

📅 02/2024 - 12/2024 📍 Chennai, Tamil Nadu.

A company specializing in data-driven solutions.

- Successfully developed and delivered 3+ high-impact web applications.
- Designed and implemented dynamic, user-centric interfaces, leveraging tools like Figma.
- Improved application performance by 20% through optimized workflows, clean coding practices, and responsive UI/UX designs.
- Skilled in creating scalable back-end solutions using Node.js, Express.js, and MongoDB.

### MEAN Stack Intern

#### Digerati Software Development and Services

📅 07/2023 - 12/2023 📍 Chennai, Tamil Nadu.

An internship focused on software development.

- Developed and deployed web applications using the MEAN stack.
- Built responsive user interfaces with Angular.
- Optimized back-end performance and scalability using Node.js and Express.js.
- Collaborated with teams to integrate RESTful APIs.

## PROJECTS

### OMSGSF Water Management Web Application

Developed a robust system for monitoring and managing water distribution across agricultural fields.

- Designed a GIS-enabled dashboard to visualize real-time water levels and flow rates.
- Automated irrigation schedules based on sensor data, reducing water wastage.
- Integrated MQTT for seamless communication between devices.

### GYM MANAGEMENT SYSTEM

A comprehensive system to manage all aspects of gym operations.

- Developed a Gym Management System for managing gym operations.
- Integrated staff and member management features for seamless storage and retrieval.
- Implemented daily attendance tracking for accurate recording.
- Designed modules for personalized diet and exercise plans.

### Solar Plant Web Application

A comprehensive solution for monitoring and managing solar plant operations in real-time.

- Developed a dynamic dashboard to visualize live energy metrics and system performance.
- Automated report generation using cron jobs for monthly and yearly performance analytics.
- Integrated real-time alerts to monitor critical events and ensure prompt issue resolution.
- Enhanced operational efficiency by providing actionable insights for better energy management.

## KEY ACHIEVEMENTS



### High-Impact Web Applications

Developed a comprehensive array of web applications that have significantly enhanced the operational efficiency and user engagement for diverse clients.

## LANGUAGES

### Tamil

Native



### English

Proficient



## SKILLS

### Core Java

### JavaScript

### HTML

### CSS

### ReactJs

### Angular

### NodeJs

### ExpressJs

### NestJs

### ElectronJs

### MongoDB

### PostgreSQL

### SQL

### Prisma

### Figma

### Git

### UI/UX

## EDUCATION

### Bachelor of Computer Science

#### AdaiKala Matha College

📅 08/2020 - 05/2023 📍 Thanjavur, Tamil Nadu

### Higher Secondary (HSC)

#### Kurinji Higher Secondary School

📅 04/2018 - 03/2020 📍 Namakkal, Tamil Nadu

### Secondary School (SSLC)

#### Sri Srinivasa Matriculation Higher Secondary School

📅 04/2017 - 03/2018 📍 Thanjavur, Tamil Nadu

## CERTIFICATION

### Certificate of Proficiency in Java Programming

#### Info Systems Educational & Research Institute

📅 12/2022 - 03/2023 📍 Thanjavur, Tamil Nadu

Awarded with "A" Grade

**Project:** Customer Relationship Management

- Developed a Java-based application to streamline customer interactions, manage sales pipelines, and enhance client communication.