

# Ramya Rajendran

Python Developer | Full Stack Developer

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[github.com/ramyamekal](https://github.com/ramyamekal)



## Profile

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**Python Developer | Full-Stack Developer** with 6 years of experience in web application development. Over the past **2 years**, I have specialized in **Python (Django/Flask)**, combining backend development with **data analysis** using **Pandas, NumPy, SQL**, and **Matplotlib**. Previously, I spent over 4 years working with **PHP (Laravel)** and **ReactJS**, building and maintaining full-stack applications. My core strengths lie in **backend development**, integrating **data-driven features**, and delivering **performance-focused solutions**.

## Skills

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### Frontend:

- **JavaScript, ReactJS**, HTML, CSS, Tailwind CSS, Bootstrap , UI/UX Design (Figma, Responsive Design), Version Control: Git, GitHub, Bitbucket

### Backend

- **Python** (Django, Flask), **PHP** (Laravel) , Data Analysis: **NumPy, Pandas, Matplotlib**.
- **API Development:** REST, SOAP, OAuth, Bullhorn API Integration. **Software Practices:** SOLID Principles, Design Patterns, Docker, CI/CD Pipelines, PHPUnit

### Database

- **MySQL**, PostgreSQL, **Eloquent ORM** , Database Design (Normalization, Relationships), Data Migration, Query Optimization

### Other Skills

- **JupyterLab, PyCharm**
- **Project Management:** JIRA, Trello, Redmine , **Cloud & Hosting:** AWS EC2, AWS S3, **Linux** . Integrations: Stripe, Xero, Google Analytics

### Additional Skills

- Basic knowledge of **AI/Machine Learning**

## Professional Experience

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### Full-Stack Developer

05/2024 – present | Coimbatore, India

Dream Corp

- **Leave Management System:** Developed a **Python/Django** system with role-based approvals, automated notifications, and **PostgreSQL** optimization to streamline leave requests. Integrated a **ReactJS** frontend to enhance user experience. Improved team efficiency and reduced manual tracking by automating the full leave lifecycle from request to approval.
- **Bakgrundsanalys:** Extracted and analyzed data from 1,000+ user profiles and payment trends using **Python (Pandas, NumPy, Matplotlib)** and **SQL**, creating visualizations that improved payment success rates by 12%. The project was built with a Python backend and a **ReactJS** frontend.

## Software Developer

04/2022 – 12/2023 | Chennai, India

Straive (formerly SPi Global)

- Led the development of a Workflow Management System handling manuscripts, metadata, and workflow creation. Built a **ReactJS** frontend and integrated role-based modules using **Python (Django)** with a **MySQL** backend.
- Streamlined journal creation workflows, including proofing, revisions, and final execution modules in the "Magnus – TNF/Frontier" project using **PHP Laravel** and **React.js**. Key processes: Workflow Enhancement, FPP, and RPP.

## Software Engineer

01/2021 – 04/2022 | Coimbatore, India

Bixware Technologies Pvt Ltd

- **Myrus Careshield**: Developed the rating module (3 roles/responsibilities) using **PHP Laravel Framework** and **MySQL** Server.
- **Title Search Direct**: Developed role-based modules (document search, ownership report, automated email sending) using **ReactJS**, **PHP Laravel Framework**, and **PostgreSQL**.
- **Fit Guide**: Led the development (vehicle search, storage module, user module/various roles) using **ReactJS**, **PHP Laravel**, and **MySQL**.
- **Other Projects**: Survey projects (**Louis Philippe**, **ABFRL Covid Tracker**, **SMAC India**). in php

## Project Coordinator

10/2018 – 11/2020 | Coimbatore, India

Yali VMV (InSak Homes)

- Coordinated the development and implementation of the shopping cart and admin panel for the **InSakHomes** project, ensuring timely delivery.
- Managed version control with **Git** and worked on **sprint planning, task prioritization, and QA for bug resolution**. Used tools like **Slack and Jira** for communication, feedback, and progress tracking.

## PHP Developer

10/2016 – 05/2017 | Coimbatore, India

RabbitCRM - Farazon Software Technologies

- Developed interactive dashboard widgets for **Rabbit CRM** using **AngularJS**, **PHP CodeIgniter**, and **MySQL**. Implemented a B2B lead generation feature and improved the task management module to optimize task distribution and team collaboration.

## PHP Developer

04/2016 – 09/2016 | Chennai, India

TRADA (Technoarete R&D)

- Developed **Iferp**, **BioLeagues**, and **DOI Directory** from scratch, integrating **payment (CC Avenue)** and **SMS gateways** using **Core PHP and MySQL**, meeting project requirements and deadlines.

## Education

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### M.Sc. in Information Technology

2013 – 2015 | Coimbatore, India

Bharathiar University (SNMV College of Arts & Science, Coimbatore, India) [✉](#)

### B.Sc. in Information Technology

2010 – 2013 | Coimbatore, India

Bharathiar University (NGM College of Arts & Science, Pollachi, India) [✉](#)

## Languages

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**English**: Proficient | **German**: Conversational (A2) | **Tamil**: Native/Bilingual