

JEROMEL PUSHPARAJ

Full-Stack-Web-Developer
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GitHub | **Portfolio** | **Linkedin**

EDUCATION

Dr. Sivanthi Aditanar College of Engineering
Computer Science Engineering Bachelors
CGPA: –

September 2022 - May 2026

EXPERIENCE

Tessolve | AI/ML Intern

Online | July 2024 - December 2024

- During the internship, I worked on application-oriented programs involving AI/ML.
- Example project, I used computer vision applications and pretrained models to predict diseases.

Personal Projects | PHP Developer

Remote | June 2023 - Present

- Built multiple MVC-based modules including CRUD, form validations, and RESTful API integration.
- Implemented user authentication, real-time data management, and error handling.
- Gained hands-on experience in debugging, writing secure code, and using Git for version control.

SKILLS

Programming Languages:	Python, PHP, C, JavaScript
Libraries/Frameworks:	Tailwind CSS, Bootstrap, MVC, HTML, CSS, React, Laravel, REST API, OOP
Tools / Platforms:	Git, VS code, Apache, Docker, Grunt, GitHub, Figma, RabbitMQ, Linux
Databases:	MySQL, MongoDB

PROJECTS / OPEN-SOURCE

MyPortfolio | Link

HTML, CSS, JavaScript

This portfolio website showcases my projects, skills, and experiences. It is designed to give visitors a clear overview of who I am, what I do, and the work I've completed. The site is built using basic HTML, CSS, and JavaScript, with one JS library used to implement a floating animation effect.

CURD-PHP-Project(Blog Site) | Link

HTML, CSS, PHP, MySQL, Apache Server (LAMP)

This project aims to develop a simple PHP-based CRUD (Create, Read, Update, Delete) web application that allows users to manage data records efficiently through a user-friendly interface.

IoT Interface (v 2.1) | Link

PHP, MongoDB, Docker, MQTT (Mosquitto/RabbitMQ), JWT, Python

Built a scalable IoT platform for secure device onboarding, control, and monitoring. Developed a custom RESTful API PHP backend with JWT authentication and MQTT integration for real-time communication. Used Docker to containerize services and Python MQTT subscribers for backend event handling. Planned migration to RabbitMQ for unified protocol support.

Password Manager (Laravel) | Link

PHP, Laravel, Livewire, Blade, MySQL

Developed a secure Laravel-based web app with real-time CRUD operations using Livewire and Blade templating. Implemented RESTful APIs for authentication, encrypted credential storage, and applied MVC principles. Utilized Git/GitHub for version control.

DataBase Manupulation CLI Tool | Link

Python, MySQL

This Python Project enables users to perform various operations on a MySQL database. It establishes a connection to the MySQL server and provides a menu-driven interface to execute different tasks.

ToDo Web Application (MERN Stack) | Link

MongoDB, Express.js React, Node.js

This Project contains a ToDo web application built using the MERN stack (MongoDB, Express.js, React, Node.js). The application enables users to create, update, delete, and manage their tasks efficiently.

Personal-Voice-Assistant | [Link](#)

Python, OOP

This Project is a easy-to-use desktop assistant that can help you increase your productivity and automate repetitive tasks. With This Project, you can control your computer with voice commands, open and close applications, and much more and you customize using python.

CERTIFICATIONS

- React (Basics) - **HackerRank**
- AI Tools Workshop - **be10X**
- Python - **GUVI Geek Network**
- Laravel Basics Bootcamp (Self-Learning) - Documentation / YouTube.