RAJESWARAN THANGARAJAH

Senior Full-Stack Developer

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Senior Full-Stack Developer with 20+ years of comprehensive software development experience spanning telecommunications, enterprise applications, and modern web development. Self-taught developer with expertise in WordPress custom development, enterprise PHP applications, Python frameworks, Node.js/React ecosystems, and systems programming (C/C++/C#/Lua). Proven track record in building telecommunications systems, web applications, and scalable cloud infrastructure. Creator of Crowvault.com, a proprietary cloud-based integrated development environment.

TECHNICAL EXPERTISE

Backend Development

PHP (Expert - 20+ years), Node.js, Python, PostgreSQL, MySQL, Redis, RESTful APIs, Microservices

Frontend Development

React, JavaScript (ES6+), TypeScript, Modern CSS3, Responsive Design, Progressive Web Apps

WordPress Development

Custom Themes, Custom Plugins, Core Customization, Performance Optimization, Early Adopter (since 2003)

Systems Programming

C, C++, C#, Lua, Low-level Programming, Memory Management, Performance Optimization

Cloud & Infrastructure

AWS, Linux (Ubuntu/CentOS), Nginx, Apache, Docker, CI/CD, Server Configuration & Optimization

Architecture & Design

MVC Patterns, Custom Frameworks, Database Design, API Design, Security Best Practices

PROFESSIONAL EXPERIENCE

Senior Full-Stack Developer
2020 - Present

Independent Consultant / Freelance

- Architect and develop enterprise-grade web applications using PHP, Node.js, and React with focus on scalability
- Design and implement custom MVC frameworks optimized for specific business requirements
- Build complex WordPress solutions including custom themes, plugins, and core customizations
- Develop Python framework-based applications for data processing and automation
- Created Crowvault.com, a proprietary cloud-based IDE for streamlined development workflows
- Manage complete cloud infrastructure including AWS deployment, Nginx configuration, and database optimization
- Portfolio of 35+ production projects demonstrating consistent delivery and technical excellence

Telecommunications Applications Developer
2010 - 2020

Telecom & Enterprise Solutions

- Developed high-performance backend systems for telecommunications infrastructure using C/C++ and PHP
- Built real-time communication platforms requiring carrier-grade reliability and 99.99% uptime
- Implemented complex API ecosystems for telecom service providers handling millions of requests
- Designed database architectures handling millions of transactions with optimized query performance
- Created security systems including authentication, encryption, and compliance with industry standards

WordPress Developer & Web Applications Specialist
2003 - 2010

Early WordPress Adoption & Full-Stack Development

- Early adopter of WordPress, working with the platform from its launch period
- Developed custom WordPress themes and plugins for diverse client requirements
- Built custom PHP-based web applications and content management systems
- Created solutions ranging from simple websites to complex enterprise applications
- Established expertise across the full web development stack during WordPress's evolution

Software Developer - Foundation Period
2000 - 2003

Self-Taught Programming Journey

- Started programming journey learning C, C++, and early web technologies
- Built strong foundation in software development principles, algorithms, and data structures
- Developed systems-level programming skills and performance optimization techniques

KEY ACHIEVEMENTS

- **Proprietary Cloud IDE:** Created Crowvault.com with real-time collaboration and automated deployment
- **35+ Production Projects:** Delivered diverse applications from SaaS platforms to e-commerce solutions
- **Custom Framework Development:** Designed custom MVC framework with deep architectural knowledge
- **WordPress Expertise:** 20+ years of WordPress development experience since platform launch
- **Infrastructure Management:** Manage production servers with excellent uptime and performance metrics

SPECIALIZED CAPABILITIES

- **WordPress Custom Development:** Theme development, plugin creation, core customization, performance optimization
- **PHP Application Development:** Custom frameworks, enterprise applications, API development, database integration
- **Python Framework Development:** Application development using modern Python frameworks
- **Node.js & React:** Full-stack JavaScript development with modern frameworks and best practices
- **Systems Programming:** C/C++/C#/Lua development for performance-critical applications
- **Cloud Architecture:** AWS deployment, server configuration, load balancing, security hardening