

# KRISHNA PALLAPOLU

Development Lead/ Full Stack Developer

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## Senior Full-Stack Architect | Development Lead | 10+ Years in Scalable Web, Cloud & Automation Systems

Strategic full-stack engineer with 10+ years of experience architecting, scaling, and deploying web platforms. Proven expertise across MERN and LAMP stacks — Node.js, React.js, Laravel, PHP, PostgreSQL, MySQL, Supabase and MongoDB, with a focus on reliability, performance optimization, and maintainability. Specialized in **API-first architecture (REST, GraphQL)**, **AI-driven automation (n8n, Make, Zapier)**, and **secure authentication flows (JWT, OAuth)**. Experienced in **containerization and cloud deployment using Docker, AWS**, implementing **CI/CD pipelines with GitHub Actions**. Skilled in leveraging **Cloudflare Workers/ Supabase Edge Functions for edge processing**.

## TECHNICAL SKILLS

**Frontend:** React.js, Next.js, JavaScript (ES6+), Sass, TypeScript, jQuery, Ajax, HTML5, CSS3, Web APIs, Responsive Design

**Backend:** Node.js, Express.js, PHP, Laravel, REST APIs, GraphQL, Microservices Architecture

**AI & Automation:** OpenAI API · Gemini API · Claude API · n8n · Zapier MCP · Claude MCP · Cloudflare Workers · Supabase Edge Functions · AWS Lambda

**CMS:** WordPress, Webflow, Shopify, Wix, Custom Themes & Plugins

**DevOps & Cloud:** Vercel, Heroku, AWS (EC2, S3), Docker, CI/CD Pipelines (GitHub Actions, Jenkins)

**Databases:** NoSQL (MongoDB), MySQL, PostgreSQL, Supabase, Database Optimization, Migrations

**Authentication & Security:** JWT, OAuth 2.0, Bcrypt.js, Role-based Access Control (RBAC), Security Best Practices

**Others:** Git, PM2, Webpack, TDD (PHPUnit), Unit Testing, SOLID Principles, Version Control (GitHub, Bitbucket), Agile/Scrum Methodology

## EXPERIENCE

Meeting Minds Experts, Dubai

12/2023 - Present

### Full Stack Developer / Development Lead

- **Led and engineered** the architecture, deployment, and automation of enterprise-grade platforms using React.js, Node.js (Express), and PostgreSQL, utilizing APIs, optimizing queries, and fine-tuning build pipelines for performance and scalability.
- **Built, deployed, and maintained** full-stack and CMS-driven applications using Laravel, WordPress, and Webflow, hosted across dedicated servers (cPanel, phpMyAdmin) and cloud platforms (AWS ECE2, S3, Vercel, Heroku) with full responsibility for configuration, security, and uptime optimization.
- **Developed and orchestrated** event-driven automation pipelines using Cloudflare Workers, Supabase Edge Functions, AWS Lambda, and n8n, make, zapier, enabling real-time API coordination and AI-driven workflows that improved responsiveness by **40%**.
- **Integrated AI capabilities** via OpenAI, Claude, Gemini, and other LLM APIs, automating content generation, intelligent data processing, and workflow augmentation within enterprise systems.
- **Integrated external systems** through Claude MCP and Zapier MCP servers, connecting various CRM platforms to streamline business operations.
- **Implemented containerized CI/CD pipelines** with Docker, GitHub Actions, and AWS ECS (Fargate), supporting auto-scaling, zero-downtime deployment, and full-stack observability
- **Championed engineering excellence** in performance tuning, OWASP-based secure coding, architectural reviews, and Agile delivery, mentoring cross-functional teams to consistently meet enterprise SLAs with reliability and precision.

Sapaad Pvt Ltd, WFA

01/2022 - 11/2023

### Development Lead/ Senior Web Developer

- Orchestrated the design and delivery of high-availability web systems and internal platforms, leading cross-functional teams from requirements to production monitoring. Improved system uptime from **80% to 99.9%** through redundancy, observability, and resilient backend architecture.

- Engineered **multi-layered application security** with WAF policies, rate-limiting, and automated anomaly detection to mitigate DDoS and brute-force threats.
- Delivered **enterprise-grade solutions** serving **30,000+ users**, driving Agile collaboration and enforcing code quality through peer reviews and technical governance.
- Built **modular full-stack applications** using React.js, Node.js (Express), PHP (Laravel), and PostgreSQL/MySQL — implementing REST APIs, asynchronous workflows, and caching strategies for performance optimization.
- Implemented **CI/CD pipelines** with GitHub Actions, Docker, and AWS for deployment automation, log monitoring, and real-time alerts.
- Championed **WCAG accessibility compliance** and UX analytics using Google Analytics, HubSpot, and Clarity insights to enhance engagement and retention.

**Google Operations Center, Hyderabad**  
**Production Specialist**

08/2020 - 12/2021

**Developed dynamic email templates for Google Analytics and other projects using FreeMarker Template Language (FTL), HTML, CSS, and JavaScript, leveraging Google's internal tools for seamless integration.**

- **Email Template Development:** Created customizable, responsive email templates that aligned with branding and business requirements, streamlining communication across various projects.
- **LMS Expertise:** Built and maintained courses on Learning Management Systems (LMS) like Evolve, ensuring alignment with stakeholder requirements and enhancing the user learning experience.
- **Key Achievement:** Successfully conducted training sessions for team members and newcomers, driving 100% adherence to SLAs and maintaining process excellence.
- **Collaboration & Knowledge Transfer:** Facilitated training to ensure team-wide process understanding and best practice adoption, contributing to project consistency and quality delivery.

**OneTrust Privacy Management Software, Bangalore**  
**Web Designer and Developer**

08/2019 - 08/2020

- Engineered modern and highly responsive web designs. Utilized PHP, Node JS, JavaScript, Angular, jQuery, WordPress, Ajax, Bootstrap, CSS3, HTML5, and SCSS/SASS to achieve this.
- Effectively managed project workflows, conducted thorough QA reviews, and carefully prioritized web initiatives, all while maintaining comprehensive documentation.
- Improved web performance using tools such as Google PageSpeed Insights and Lighthouse, ensuring quick and efficient website loading.

**Cognizant Technology Solutions (onsite at Google), Bangalore**  
**Web Consultant**

05/2017 - 08/2019

- Crafted Accelerated Mobile Pages [AMP] through adept utilization of HTML, CSS, and AMP boilerplate.
- Collaborated closely with clients to strategize and enhance site functionalities across diverse CMS platforms, encompassing WordPress, Drupal, Shopify, Magento, Wix, and custom PHP sites.
- Conducted comprehensive code reviews to ensure structural integrity, security adherence, and compatibility across multiple browsers and devices. Skillfully fine-tuned web applications for optimal speed, performance, scalability, and unwavering security standards.

**Dell Technologies, Bangalore**  
**Senior Technical Associate**

08/2015 - 05/2017

- Analyzed client business processes to propose optimal software applications for unique requirements.
- Installed system updates to address vulnerabilities and reduce security issues.
- Investigated system issues and implemented resolutions to reduce downtime.

## **EDUCATION**

**QIS College of Enginnering and Technology, Ongole**  
**Bachelor of Technology**

08/2010 - 05/2014