Satya Phalani Krishna Reddy Kovvuri

Senior Software Developer

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PROFESSIONAL SUMMARY

Senior Software Developer at UMKC building web applications and CRM integrations. Work includes PHP and JavaScript development, C#/.NET report and API fixes, Python automation and OpenAI-powered features. Supervised a developer at UMKC and interns at BCBS.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Java, C#, PHP, Python, SQL, HTML, CSS/SCSS

Applications: React, Angular, Node.js/Express, Spring Boot, ASP.NET Core, REST APIs, GraphQL

CMS and enterprise systems: WordPress, Drupal, Twig, ACF, PeopleSoft, PeopleCode, Application Engine, Integration Broker

Data and infrastructure: SQL Server, PostgreSQL, MySQL, Oracle, MongoDB; AWS, Azure, Docker, Kubernetes, Linux

Quality and applied AI: Git, Jenkins, GitHub Actions, PHPUnit, Postman, Playwright, OpenAI API, LLM integration, accessibility

PROFESSIONAL EXPERIENCE

Senior Software Developer January 2024 – Present

University of Missouri–Kansas City (UMKC) | Kansas City, MO

- Build and maintain web applications and CRM integrations using PHP, JavaScript and REST APIs, including the Resource Navigator WordPress plugin.
- Fixed CRM reporting and WordPress-facing API issues during a .NET 10 migration. Tested the connected applications in a C#/ASP.NET Core and SQL Server environment.
- Added OpenAI-powered drafting to partner-profile forms, with system prompts, editable responses, error handling and usage limits. Moved requests behind CRM API endpoints.
- Built Python support-review automation that retrieves ticket details and supporting evidence, prepares LLM-assisted guidance, and handles scheduled runs, retries and duplicate delivery.
- Developed AJAX search, filters, pagination, map updates and multi-step forms. Maintained browser navigation and funding-directory features using Twig, ACF and custom post types.
- Migrated an existing suite of 2,600+ tests to PHPUnit 11 and checked compatibility across PHP 8.3, 8.4 and 8.5.
- Prepare signed releases, support multi-site PHP 8.4 upgrades and troubleshoot production issues. Maintain API caching and scheduled refreshes, and improve form labels, keyboard access and focus handling.
- Supervised one developer while continuing application development and production support.

PROFESSIONAL EXPERIENCE CONTINUED

JavaScript Developer May 2023 – December 2023

BCBS | *Illinois*

- Built identity-validation screens with JavaScript, React, Angular, HTML and CSS, including reusable UI components and form validation.
- Integrated frontend features with Java/Spring and MuleSoft REST APIs. Added GraphQL integrations and checked API requests using Postman.
- Developed custom Drupal modules and responsive themes, extending CMS REST interfaces to exchange data with external applications.
- Supported Java deployments using Kubernetes, AWS Elastic Beanstalk, Git, Maven and Jenkins CI/CD. Supervised interns.

Software Developer Summer 2022

Blooming Tech Inc. | *Frisco, TX*

- Worked on predictive models and machine learning algorithms to identify trends in data.
- Identified data sources and automated collection for analysis and application development.
- Created data visualizations and discussed application requirements and findings with engineering and product teams.

Programmer Analyst 2020–2021

Cognizant | *Chennai, India*

- Developed product, pricing, cart, and order-management features for a PepsiCo e-commerce application using JavaScript, Angular, Java, and Spring.
- Built REST services and Node.js/Express features backed by MySQL and MongoDB; contributed to application integration and production troubleshooting.
- Developed PeopleSoft customizations and data-exchange workflows using PeopleCode, Application Engine, and Integration Broker, with SQL-based retrieval and reporting.
- Supported Azure Key Vault, Storage, Service Bus, SQL, and API Management; maintained Jenkins delivery workflows and Jasmine, Karma, and Selenium tests.

Intern January 2020 – May 2020

Cognizant | *Chennai, India*

- Built reusable React components and Java/Spring MVC REST services with Hibernate and SQL Server.
- Implemented Spring Batch jobs, documented APIs with Swagger, and used Git/Bitbucket and Jira for delivery and defect tracking.

EDUCATION

M.S. in Computer Science — Purdue University December 2022

Bachelor of Engineering — Sathyabama University May 2020