

PHANI VENKATA SAI KIRAN VANAPALLI

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SUMMARY

Backend and Full-Stack Developer with 4+ years of experience designing and developing scalable applications using Java, Spring Boot, NestJS, GraphQL, and PostgreSQL. Proven expertise in CI/CD, cloud platforms (AWS), and monitoring tools. Skilled in ETL pipelines, microservice architecture, and agile delivery. Strong team player with a hands-on approach to debugging, DevOps collaboration, and stakeholder communication. Experienced in Nifi-style ingestion, scripting (TypeScript, JavaScript), and building UI integrations using React/NextJS.

WORK EXPERIENCE

Accenture, Hyderabad

Packaged App Development Analyst

Sep 2023 – Present

- Built and maintained scalable backend services using NestJS, GraphQL, and PostgreSQL, organizing code with a clean and modular structure to make it easier to extend and maintain.
- Created and updated Swagger documentation from scratch, which made it easier for the frontend and QA teams to understand and consume APIs without needing constant backend support.
- Worked closely with business analysts to break down business needs into clear, actionable JIRA stories, helping the team deliver more efficiently during sprints.
- Took complete responsibility for complex features like price code logic and API version control, ensuring they were robust, testable, and well-documented.
- Wrote detailed Confluence documentation for each feature, explaining the "why" and "how" behind architectural and design decisions for future developers.
- Regularly demoed my work during sprint reviews and technical sessions, and received positive feedback from both leadership and clients for clear communication and solid delivery.
- Collaborated with the DevOps team to integrate services into our CI/CD pipeline, using tools like Jenkins, Rancher, Kibana, and Dynatrace to monitor and troubleshoot deployments.
- Played a key role in helping move from legacy AEM setups to more modern, cloud-ready architecture, rewriting parts of the system to be cleaner and more future-proof.
- Customized Docker environments to support development across different systems, including Apple Silicon Macs, making it easier for teammates to get started locally.
- Helped onboard and guide newer developers in using NestJS and understanding backend structure, making ramp-up faster for new team members.
- Supported a headless CMS setup by implementing backend logic to expose AEM Content Fragments via GraphQL APIs, which powered frontend applications.
- Maintained strong test coverage (80–90%) across backend code using Jest, which helped catch bugs early and made releases more reliable.

Associate Developer

Jul 2021 – Aug 2023

- Worked on Adobe Experience Manager (AEM) to build and enhance components and templates for multilingual websites, including content structures, Sling models, and dialog configurations.
- Developed custom OSGi services and hooked them into workflows, helping automate content processing and making the system more dynamic.

- Maintained high unit test coverage (90%+) using JUnit5 and Mockito, helping keep the AEM codebase stable as new features were added.
- Built reusable HTL templates and client libraries, ensuring consistent styling and accessibility across pages.
- Created helpful internal documentation and onboarding material to support new team members and make transitions smoother.

TECHNICAL SKILLS

- Backend: Java, Spring Boot, NestJS (ExpressJS), TypeScript, GraphQL
- Frontend: HTML5, CSS, JavaScript, React (Basic), Sightly (HTL)
- ETL / Ingestion / Automation: Experience with AEM GraphQL, structured ingestion; scripting in JS/TS; familiarity with NiFi-like workflows
- CMS & Frameworks: AEM 6.5, AEM as a Cloud Service
- DevOps & CI/CD: Jenkins, Git (CLI, GitHub, Bitbucket), Ansible, Rancher, Docker, Dynatrace, Kibana
- Cloud Platforms: AWS (Certified Cloud Practitioner), AEM Cloud; Familiarity with GCP concepts
- Monitoring & Observability: Dynatrace, Kibana
- Tools: JIRA, Confluence, Swagger, Agile/Scrum, GitHub Copilot

EDUCATION

Bachelor of Technology (B.Tech)
GITAM Deemed to be University, Visakhapatnam
Graduation Year: 2021

CERTIFICATIONS

- Adobe Certified Professional – AEM Sites Developer (2024–2026)
- AWS Certified Cloud Practitioner (2024–2027)
- SC-900 – Microsoft Security, Compliance, and Identity Fundamentals
- PL-900 – Microsoft Power Platform Fundamentals

ACHIEVEMENTS & RECOGNITION

- Nicknamed "Younger Jack" by clients for backend expertise and proactive ownership of tasks.
- Consistently praised for mentorship, innovation, and quality-first delivery.
- Completed over 14 internal technical training programs and Adobe Sales Accreditations.
- Recognized as the best developer by Internal management and clients.

HOBBIES & INTERESTS

- Passionate about custom PC builds, OS dual-boot setups, and exploring Linux distributions (Ubuntu, Pop!_OS)
- Experience with containerized AI model deployment using Docker and Ollama
- Actively exploring AI tools including Stable Diffusion, Runway, Flux, and Claude