

Shyam Murugaiah

📍 Chennai, India ✉️ shyam.murugaiah@gmail.com 📞 +91 9597117229 🌐 in/shyam16102001

Summary

Full-Stack Engineer with 3 years of experience modernizing enterprise CMS platforms and building AI-powered web solutions, including a production RAG chatbot. Proven track record migrating legacy systems, automating workflows, and delivering scalable solutions. Multi-cloud certified across AWS, Azure, and OCI.

Experience

Bounteous x Accolite

Chennai, India

Senior Software Engineer

June 2024 - Present

- Led the migration of the **TestDrive platform from Django to WordPress** to hand content control to non-technical editors, supporting ~8,000 total users (~1,000 MAU) and reducing content-update turnaround time.
- Structured content organization across **500+ demos** and introduced bookmarks and related-content recommendations, improving search relevance and discoverability.
- Built **SMAX workflows** handling **50+ demo requests** and **100+ support requests** monthly, automating approvals and eliminating manual coordination.
- Shipped a **QA-automation dashboard** that orchestrates Jenkins runs end-to-end, AI-triaging failures, auto-filing defects, and archiving reports to S3, surfacing live test health via the dashboard, Teams alerts, and public embeddable widgets.
- Developed a production **RAG-based AI chatbot** with native WordPress integration, hash-based change detection, and context-aware retrieval, **reducing support requests by 60%** and indexing ~3,000 documents. Deployed on Python, LangChain, and GCP.

Bounteous x Accolite

Chennai, India

Software Analyst

June 2023 - May 2024

- Redesigned 20+ UI components on the **EnterpriseDB (EDB) Drupal marketing site** against updated Figma designs, improving visual consistency and user experience.
- Consolidated multiple redundant Drupal component variations into single configurable solutions, reducing code duplication and improving long-term maintainability.
- Introduced flexible field customization for content editors, removing developer dependency for layout changes and empowering non-technical stakeholders to manage content independently.
- Delivered a **30% improvement** in overall site performance through targeted frontend optimizations and bug fixes, resulting in faster load times and improved platform stability.

Education

Bachelor of Engineering (B.E.) – Computer Science and Engineering

Madurai, India

Thiagarajar College of Engineering • GPA: 8.80

April 2023

Certifications

Oracle Cloud Infrastructure 2025 Certified Generative AI Professional - Oracle

AWS Certified Cloud Practitioner - Amazon Web Services (AWS)

Docker Foundations Professional Certificate - Docker

Microsoft Certified: Azure AI Fundamentals - Microsoft

Skills

Languages: PHP, Java, JavaScript, TypeScript, Python, SQL

CMS / Frameworks: Drupal, WordPress, React, Next.js, Django

Cloud & DevOps: AWS, Microsoft Azure, Oracle Cloud Infrastructure (OCI), Docker, Jenkins, Git

AI/ML: RAG, LLMs, Prompt Engineering, Vector Databases, Claude Code, Codex