

JINU GEO JAMES

Sr. Software Engineer | Full-Stack Development | Cloud Expertise

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EXPERIENCE

Software Development Engineer III

AdmitKard

10/2023 - Present | Noida, India

- Engineered RAG engine handling 100K+ courses with chunking and sync workflows, serving 10K+ daily requests and reducing query latency by 40%.
- Developed AI workflows accelerating document verification, cutting process time by 80% through advanced document ID and extraction. Achieved 97% accuracy in document classification and data extraction processing 10,000+ documents monthly.
- Reduced infrastructure costs by 40% through AWS optimization, MongoDB query tuning, and deploying a self-hosted ELK stack.
- Engineered real-time notification system in internal app, reducing stakeholder response time by 50% after each status change in the process using web-sockets.
- Led transition from monolith to microservices, reducing development time by 30% through industry-standard adoption.
- Simplified a complex UI for updating the JSON rules, which helps to add or update the rules and version the rules, reducing rule update cycles by 90% and enabling real-time production changes with zero application downtime.

Software Development Engineer II

AdmitKard

07/2022 - 09/2023 | Noida, India

- Spearheaded the design and implementation of Event-Driven Architecture (EDA), enhancing data consistency across 15 microservices and improving data integrity by 30% across the platform.
- Increased operational efficiency by 50% by automating and optimizing processes with a comprehensive product integration.
- Boosted user engagement by 20% through product pipeline improvements leveraging data-driven enhancements.
- Initiated containerization of applications, which reduced the deployment complexities and time by more than 50%.
- Improved developer experience by integrating unit and integration tests into the CI/CD pipeline, reducing code merge conflicts by 95% and accelerating developer feedback loops by 50%.

Software Engineer

Taught

03/2021 - 06/2022 | Bangalore, India

- Improved technology solution performance by 20% by reviewing product specifications and aligning designs to exceed expectations.
- Partnered with project managers to define and execute coding milestones for pre-release software, achieving 100% on-time delivery across major product launches and reducing time-to-market by 50%.
- Orchestrated and implemented end-to-end CI/CD pipelines using GitHub Actions, decreasing build times by 35% and accelerating software deployment frequency to two deployments per week.
- Spearheaded cloud infrastructure monitoring using ELK, identifying and resolving 15+ performance bottlenecks, decreasing application latency by 20%, and improving uptime.

Full-Stack Developer

NetObjex

10/2018 - 02/2021 | Thiruvananthapuram, India

- Developed a system to prevent COVID spread by monitoring temperature, RT-PCR tests, and vaccination status and alerts users exposed to positive cases for proactive measures.
- Planned and executed website development, converting mockups into functional web applications using HTML, JavaScript, AJAX, and JSON.
- Enhanced system security resulting in a 100% reduction in breaches by designing innovative server architecture.
- Collaborated in an Agile Scrum environment, delivering REST and GraphQL services efficiently.
- Worked closely with a multidisciplinary team to ensure high-quality production cadence.

KEY ACHIEVEMENTS

Lead Project to Boost Engagement

Sole responsibility for a key project that resulted in a 20% upsurge in user engagement through intuitive feature enhancements.

Recognized for Optimizing Costs

Drove a cloud optimization initiative that cut hosting expenses by 30%, earning recognition for cost-saving measures.

Mentorship Excellence Award

Awarded for dedication to mentoring junior staff, significantly boosting code quality and team performance.

Innovation in Agentic AI Development

Pioneered an AI project, leading to a 60% improvement in customer service efficiency and satisfaction.

SKILLS

Programming Languages

JavaScript | HTML5 | CSS3

TypeScript | Go

Frontend Frameworks

React.js | Vue.js | Next.js | Angular

Backend Frameworks

Node.js | Nest.js | Express.js

GraphQL | REST APIs

Cloud Platforms

AWS | Google Cloud Platform

Event-Driven Architecture Tools

AWS SQS | AWS Lambda | Kafka

DevOps

Docker | Jenkins | Git | ELK Stack

AI Tools

LangChain | LangGraph | GenAI APIs

EDUCATION

Bachelor of Technology in Electronic and Communication

St Joseph's College of Engineering and Technology

05/2013 - 07/2017 | Palai, India