

Nagendra Allam

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SKILLS

Languages: JavaScript, TypeScript, Python, Go, Rust, PHP, Java, Kotlin, Swift, C, C#

Tech Stack: React, React Native, Angular, Vue, Node.js, Django, Spring Boot, Laravel, Express.js, Flask, GraphQL, REST API, LLMs, LangChain, RAG, Pinecone, TensorFlow, Jest, Mocha, Cypress, Selenium, Postman, Storybook

Databases: MongoDB, MySQL, PostgreSQL, Redis, Firebase, Elasticsearch, Cassandra

Cloud & Devops: AWS, GCP, Docker, Kubernetes, Terraform, CI/CD (GitHub Actions, Jenkins, GitLab CI), Nginx

PROFESSIONAL EXPERIENCE

Modd Studio Inc

Full Stack Engineer

Bengaluru, India

December 2022 - Aug 2025

- Architected scalable multiplayer game infrastructure with **load balancers, Redis caching, and Dockerized server orchestration**, dynamically spinning up game instances to **support 64 concurrent players per room** with zero lag, while optimizing platform performance via **server-side rendering, code-splitting, and caching** (reducing load times by 40%).
- Enhanced the **real-time multiplayer engine** (Phaser, Pixi.js, Three.js) and developed a **React-based collaborative game editor** supporting movement, scaling, and manipulation of game elements; optimized state management for **large in-memory datasets** without crashes, enabling seamless **live editing by multiple users simultaneously and cross-platform consistency**.
- Built and launched a **full-featured React Native mobile app** replicating the web platform, deployed on **App Store and Google Play**, driving adoption by **thousands of DAUs** and significantly accelerating feature delivery and user engagement.

SnappiTech

Technical Product Lead

Bengaluru, India

November 2021 - December 2022

- Led a cross-functional team of engineers to deliver interactive web experiences on the **MERN stack and Django microservices backend**, scaling to **100K+ MAU** with **Kubernetes-orchestrated** deployments on **AWS**.
- Designed and implemented a company-wide **security strategy** (network hardening, data protection, CI/CD pipeline security, endpoint controls), **cutting security incidents by ~90%** and ensuring compliance with enterprise standards.
- **Optimized system performance and reliability** by leveraging AWS auto-scaling, Kubernetes resource tuning, and architectural refactoring, achieving a 50% reduction in load times and **boosting user retention by 80%**.

SwappedApps

Software Engineer

Bengaluru, India

May 2019 - November 2021

- **Developed and delivered 15+ cross-platform applications** for web, mobile, and games using Node.js, React, React Native, Angular, Vue, Django, Spring Boot, PHP/Laravel, Android Studio, Xcode, and Unity, integrating real-time features and cloud services to support scalable, high-performance user experiences.
- **Engineered full-stack solutions with robust backend and cloud infrastructure**, leveraging MongoDB, MySQL, PostgreSQL, Redis, Kafka, AWS, GCP, Firebase, Docker, and Kubernetes, while implementing CI/CD pipelines and version control (Git) to streamline development and deployment workflows.

PROJECT EXPERIENCE

SiteKick

Bengaluru, IN

- **Built Sitekick, an AI assistant platform** leveraging LLMs, LangChain, and RAG with vector databases (Pinecone/FAISS) to enable site-specific Q&A, bookings, subscriptions, and payments (Stripe/Razorpay) via a single script.
- **Engineered seamless integrations** for lead forms, authentication/session handling, and third-party services, delivering end-to-end AI-driven user flows across websites.
- **Designed AI orchestration and reliability pipelines** with prompt tuning, multi-model fallbacks, streaming inference, observability, and human-in-the-loop escalation for unknown queries.

Indie.fun

Bengaluru, IN

- **Built end-to-end Web2 fundraising flows** for Indie.fun, integrating with Solana smart contracts to enable seamless token-based campaigns and secure transactions for 10,000+ concurrent users.
- **Integrated cross-platform services** (Privy for authentication, modd.io for game creation, and Bountyhunt for token-based competitions) to deliver a unified ecosystem, ensuring persistent auth state and smooth user experiences across all platforms.
- **Led full-stack development of Indie.fun**, architecting Web2-Web3 bridges and scalable backend services that allowed game creators to connect their projects and launch fundraising campaigns.

LEADERSHIP EXPERIENCE

- **Led a distributed team of 5+ developers at SnappiTech**, driving Agile practices (standups, sprint planning, retros) and mentoring junior engineers through code reviews and knowledge-sharing sessions, improving delivery predictability, accelerating feature velocity by 25%, and reducing onboarding time by 30%.

EDUCATION

Visvesvaraya Technological University (VTU)

Bachelor of Engineering in Computer Science

Bengaluru, IN

June 2021