

Athithyan R

Senior Full-Stack Engineer

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PROFESSIONAL SUMMARY

Senior Full-Stack Engineer with over 5 years of experience in designing, developing, and optimizing scalable web applications, APIs, and data pipelines. Proficient in TypeScript, JavaScript, Python, Java, and Golang, with expertise in AWS services, serverless architecture, and microservices. Adept at implementing robust backend systems, scalable cloud infrastructure, and modular frontend designs. Skilled at mentoring team members and enhancing workflows with automation.

TECHNICAL SKILLS

Languages:	TypeScript, JavaScript, Golang, Python, Java, Rust
Cloud & Infrastructure:	AWS (Lambda, ECS, EKS), AWS CDK, Serverless, Kubernetes, Terraform
APIs & Backend:	Node.js, Deno, AWS Lambda, API Gateway, ExpressJS, NestJS, Hapi, Echo
Database:	Redis/Valkey, PostgreSQL, MySQL, DynamoDB, MongoDB
Frontend:	Next.js, React, Webpack Micro Frontend, HTMX
CI/CD:	GitHub Actions, Jenkins
Monitoring & Logging:	Elasticsearch, Kibana, Prometheus, Grafana, ELK, Datadog, CloudWatch, OpenTelemetry
Testing & Automation:	Jest, Sinon, Vitest, k6, TDD, Bash

PROFESSIONAL EXPERIENCE

GoDaddy

Oct 2025 – Present | Chennai, India (Remote)

Senior Software Development Engineer

- Team & Domain:** Core member of the Media Solutions team, architecting and managing end-to-end advertising systems and monetization infrastructure.
- Revenue & Experimentation:** Designed and executed high-impact A/B experiments on core ad delivery systems, driving optimizations that successfully rolled out globally and directly boosted **Gross Capital Return (GCR)**.
- Architecture & Micro-frontends:** Revamped internal **Ad Widget packages**, completely overhauled the UI/UX, and engineered a dedicated hosting service.
- System Integration:** Built an iframe-based delivery model for the new Ad Widget service, enabling cross-functional teams to seamlessly plug in ad functionality via a single URL, eliminating manual package installation overhead and improving organizational development velocity.

Bolt

Jun 2025 – Aug 2025 | Chennai, India (Remote)

Software Engineer II

- Developed and implemented a Datadog alert to DevRev integration using a custom DevRev Snap-in in TypeScript, enhancing alert management workflows.
- Contributed to the rebranding of the shopper account homepage with significant UI/UX enhancements using TypeScript and React.
- Expanded the core risk review engine by adding new rules, improving fraud detection capabilities in Golang.
- Executed front-end UI development tasks across merchant and admin dashboards, utilizing TypeScript and React to enhance user experience.

IMMO Capital

Dec 2023 – May 2025 | Chennai, India

Senior Software Engineer

- Designed and implemented APIs using AWS Lambda, Serverless Framework, and API Gateway to enable efficient and scalable operations, deployed via automated CI/CD pipelines.
- Architected the frontend for an immo-core module with Next.js and Webpack Module Federation, ensuring seamless platform integration.
- Mentored team members, conducted code reviews, and resolved complex technical issues.
- Enhanced development processes by refining tasks and maintaining high code quality standards.
- Tackled challenging technical problems across frontend and backend systems, ensuring robust implementations.
- Maintained performance monitoring and observability using Prometheus, Grafana, and CloudWatch.

IMMO Capital

Apr 2023 – Dec 2023 | Chennai, India

Software Engineer

- Built the property listing ingestion pipeline (ETL pipeline) using AWS services, delivering the project efficiently and earning management recognition.
- Developed the immo-core-sourcing module, implementing APIs with AWS Lambda and creating a modular frontend with Next.js.
- Automated deployments with GitHub Actions and optimized infrastructure using Terraform, improving team workflows.
- Delivered feature enhancements while ensuring scalability and platform performance.

KaayLabs

Sep 2020 – Apr 2023 | Chennai, India

Software Engineer

- Developed and maintained Selfridges pricing pipeline, leveraging AWS services (S3, SQS, Lambda, Fargate, DynamoDB, and Step Functions) to build a scalable data processing system.
- Conducted performance testing to improve stability and throughput across the data pipeline.
- Automated deployment workflows with GitHub Actions & AWS CDK, ensuring reliable and continuous delivery.
- Established maintenance processes using automated cron jobs for consistent optimization.

EDUCATION

Bachelor of Engineering in Computer Science

2015 - 2019

PSNCET, Chennai, India | CGPA: 7.5