Athithyan R
Senior FullStack Engineer
Location: Chennai, India

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Professional Summary

Senior FullStack Engineer with over 5 years of experience in designing, developing, and optimizing scalable web applications and APIs. 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

- **Cloud & Infrastructure:** AWS (Lambda, ECS, EKS), Serverless, Kubernetes, Terraform
- **APIs & Backend:** Node.js, Deno, AWS Lambda, API Gateway
- **Database:** PostgreSQL, MySQL, DynamoDB, ElasticSearch, MongoDB
- **Frontend:** Next.js, React, Webpack Micro Frontend, HTMX
- **CI/CD:** GitHub Actions, Jenkins
- **Monitoring & Logging:** Datadog, Prometheus, Grafana, CloudWatch
- **Automation:** Terraform, Bash
- **Languages:** TypeScript, JavaScript, Python, Java, Golang, Rust
- **Other:** DDD, Microservices Architecture, Testing (Jest, Sinon, Vitest, k6)

Professional Experience

Software Engineer II

Bolt – *Chennai, India (Remote)*
JUN 2025 – present

- 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.

Senior Software Engineer

IMMO Capital – *Chennai, India*
Dec 2023 – May 2025

- Designed and implemented APIs using **AWS Lambda**, **Serverless Framework**, and **API Gateway** to enable efficient and scalable operations.
- 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**.

Software Engineer

IMMO Capital – *Chennai, India*
Apr 2023 – Dec 2023

- Built the **property listing ingestion 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.

Software Engineer

KaayLabs – *Chennai, India*
Sep 2020 – Apr 2023

- Architected 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**, ensuring reliable and continuous delivery.
- Established maintenance processes using automated **cron jobs** for consistent optimization.

Education

- **Bachelor of Engineering in Computer Science**
  PSNCET, Chennai, India | 2015 – 2019 | CGPA: 7.5