

Antilin Stanis

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Full Stack Development Engineer

SUMMARY

Full Stack Development Engineer with 3+ years of experience building scalable full-stack applications using React.js, Node.js, TypeScript, and AWS. Skilled in developing high-availability backend systems, REST APIs, GraphQL services, and responsive frontend applications with modern React architecture. Built cloud-native microservices handling 1M+ daily requests, reduced S3 costs by 80%, and developed multi-tenant SaaS platforms processing 20K+ emails/day. Strong expertise in PostgreSQL, event-driven architecture, state management, and performance optimization across both frontend and backend. Writes clean, testable code with 90% Jest coverage and thrives in Agile product development environments.

SKILLS

Programming & Backend: JavaScript, TypeScript, Node.js, Express.js, REST APIs, GraphQL, Microservices Architecture

Frontend & UI Development: React.js, Redux, Tailwind CSS, HTML, CSS

Cloud & AWS Services: AWS Lambda, AWS S3, AWS SQS, AWS SNS, AWS SES, AWS CloudFront, AWS ECS, ALB

System Design & Architecture: Event Driven Architecture, Distributed Systems, Caching, Rate Limiting, API Optimization, High Availability, Scalability, Low Latency APIs, Schema Design, Fault Tolerance, Strategic Indexing

Databases & Data Stores: PostgreSQL, MySQL, MongoDB, Redis

DevOps & Tools: CI/CD, Docker, Git, Jest, Swagger, Agile

WORK EXPERIENCE

Centizen Inc.

Tirunelveli, Tamil Nadu

Software Engineer

Feb 2023 - Present

- Engineered an on demand image processing microservice using Node.js to enable dynamic resizing and WebP/JPEG/PNG conversion, significantly reducing payload sizes and improving storefront performance across mobile devices.
- Optimized delivery via CloudFront; achieved 90% caching and 80% reduction in S3 bandwidth costs. Significantly lowered content latency through strategic infrastructure enhancements.
- Scaled backend operations to handle 1M+ daily requests across 200+ production storefronts, ensuring high availability through ALB rate limiting and application level fallback handling during traffic spikes.
- Architected an event driven video processing pipeline using AWS S3, SQS, and Lambda for asynchronous compression.
- Generated adaptive video resolutions (1080p/720p/480p) optimizing playback performance across low and high bandwidth networks for 200+ storefronts.
- Eliminated backend memory bottlenecks by implementing signed URL direct uploads, reducing server load by eliminating file proxying for large-scale media ingestion.
- Built resilient processing with retries, DLQ, and SNS alerts, ensuring fault tolerance and observability.
- Configured AWS Lambda concurrency scaling to handle 1,000+ parallel video uploads during peak traffic with zero processing failures
- Designed and built a multi tenant transactional email SaaS platform supporting API based email delivery and bulk notifications, with a React based dashboard for client management and analytics visualization.
- Architected high availability systems handling 20K+ emails/day with high uptime by implementing strategic indexing for query optimization and schema design.
- Implemented custom domain support via AWS SES for 200+ clients, improving email deliverability and sender reputation
- Built real-time analytics pipeline processing millions of email events (open, click, bounce, delivery) using AWS SNS and AWS Lambda with sub-second latency.
- Led end-to-end development of email marketing module supporting campaign creation, scheduling, tagging and analytics — used by 200+ store admins across production storefronts.
- Developed dynamic email template engine enabling 200+ store admins to create and deploy fully customized campaigns without engineering intervention.
- Ensured transactional data consistency and credit management for large-scale campaign execution across 2M+ monthly email operations with zero data loss.
- Achieved 90% test coverage using Jest, writing unit and integration tests for critical backend services ensuring code reliability and maintainability.
- Followed Agile development practices including sprint planning, code reviews, and iterative delivery.
- Applied security best practices including JWT authentication, input validation, rate limiting, and secrets management via AWS Secrets Manager.
- Leveraged AI-assisted development tools (prompt engineering with LLMs) to accelerate code generation, debugging, and documentation.

EDUCATION

St. Xavier's Catholic College of Engineering Bachelor of Engineering in Electrical & Electronics

2019 - 2023

CERTIFICATIONS

- Namaste-Node.js: <https://namastedev.com/antilinstanish/certificates/namaste-node>
- Namaste-DSA: <https://namastedev.com/antilinstanish/certificates/namaste-dsa>
- Namaste-Javascript: <https://namastedev.com/antilinstanish/certificates/namaste-javascript>