

ASHA LAXMI M A

Software Engineer

📍 Trivandrum | 📞 +91 7397692479 | ✉ anithaasha12@gmail.com | 🔗 LinkedIn: asha-laxmi-a5005517b

Detail-oriented Software Engineer experienced in Node.js, Express, and PostgreSQL with a proven ability to build scalable RESTful APIs and reduce database response times. Adept in Agile environments, microservices, and AWS tools. Currently expanding my knowledge of CI/CD pipelines, Angular, React and Kafka.

WORK EXPERIENCE

Software Engineer Intern

Centizen Inc. | Feb 2023 – Jul 2023

Centizen Inc. is a custom software development, cloud computing, remote hiring, and staffing company with operations in the USA and India.

- Optimized relational schemas for 3+ backend modules using **PostgreSQL**, **MySQL**, and **MongoDB**, improving query performance by 35% and reducing response times by 30%.
- Built and documented 10+ RESTful APIs with **Express.js** and **Swagger**, achieving 90% unit test coverage using Jest and cutting production bugs by 30%.
- Explored **GraphQL** and **Angular** basics, boosted DB performance by 35%, and improved team workflows by 25% through effective collaboration.

Software Engineer

Centizen Inc. | Aug 2023 – Present

- Delivered 25+ scalable APIs for ZenBasket, enhancing email campaigns and admin tools, supporting 1,000+ store admins and ensuring 99.9% uptime.
- Improved service reliability with 35% faster query performance and 30% lower **DB response time**, maintaining 99.9% uptime.
- Integrated **AWS Lambda** with **SES** tracking, reducing email delivery issues, including bounces, complaints, and spam by 95%.
- Led the launch of ZenMail, used in 3+ production apps, centralizing email delivery and reducing redundancy.
- Scaled backend to handle 2M+ emails/month, optimizing bulk delivery and cutting failures by 95% via **AWS SES** event tracking.

PROJECTS

ZenBasket (SaaS E-Commerce Application) [ZenBasket](#)

- Built 25+ **REST APIs** with **Express.js** and **PostgreSQL** for campaign scheduling, email templates, notifications, and logs.
- Developed multilingual Mail Templates API, enabling template customization across multiple languages for store admins.
- Integrated Mail Logs API for real-time traceability and admin insights.
- Implemented **SES** event handler via **AWS Lambda**, automating email suppression for bounces, spam, and complaints.
- Supported 10K+ daily transactional emails, optimizing endpoints through caching and indexing for better performance.

ZenMail (SaaS E-mail marketing Application) [zenmail](#)

- Proposed and scaled internal mail service into a multi-tenant platform used by ZenBasket, ZBMarketing, and ZenBlogs.
- Developed core email APIs (SendMail, BulkMail, CustomMail, BulkCustomMail) for personalized and bulk campaigns.
- Implemented SSO ("Sign in with ZenBasket"), ensuring seamless user access across platforms.
- Achieved 90%+ test coverage by writing and maintaining Jest unit tests on critical modules.
- Built suppression list management and automated AWS S3 mail log archival with an Angular-based UI for log access.

SKILLS

- **Languages:** JavaScript, TypeScript
- **Backend:** Node.js, Express.js, REST APIs, Swagger, GraphQL.
- **Databases:** PostgreSQL, MySQL, MongoDB.
- **Cloud & DevOps:** AWS (SES, Lambda, S3, SNS, EventBridge), Git.
- **Testing:** Jest.
- **Frontend:** HTML, CSS.
- **Other Tools:** Sequelize ORM, JWT Authentication, postman.

CERTIFICATIONS

- **Backend Development with Node.js** - NamasteDev.com

AWARDS

- **"Valuable Gem"** Award – Recognized for leading the transition of ZenBasket's internal mail tool into ZenMail, a cross-platform SaaS email solution supporting both transactional and campaign-based communication - Centizen Inc.

EDUCATION

Bachelor of Engineering in Computer Science.

Jun 2019 - Apr 2023

St. Xavier's Catholic college of Engineering.