

ANNA LAVANYA T

☎ +91-9361172164 | ✉ annalavanya2002@gmail.com | 🔗 [linkedin.com/in/anna-lavanya-t](https://www.linkedin.com/in/anna-lavanya-t) | 📍 Tenkasi

Software Engineer skilled in backend development with Node.js, Express, and database optimization, and also experienced in React.js. Worked on e-commerce and digital marketing platforms, focusing on building robust APIs, improving user experience, and writing clean, maintainable code.

Work Experience

Software Engineer Intern - Centizen Inc.

Feb 2023 - July 2023

- Built and optimized RESTful APIs with Node.js and Express, including PostgreSQL schemas handling over 1000 records, improving processing speed by 30%.
- Ensured code quality by creating 50+ Jest tests with over 90% coverage.
- Improved maintainability through comprehensive API documentation using Swagger.

Software Engineer - Centizen Inc.

Feb 2023 - Jun 2025

ZenBasket (E-Commerce Platform)

getzenbasket.com

- Built a tagging system to group users for targeted bulk email campaigns.
- Configured AWS S3 for secure, scalable, and efficient image storage.
- Developed SES event handler via AWS Lambda, automating email suppression for bounces, spam, and complaints.
- Incorporated Mail Logs API for real-time traceability and admin insights.

ZenBasket Digital Marketing Services Portal

marketing.getzenbasket.com

- Implemented secure JWT-based authentication, issuing and validating tokens for all API requests to enhance session control and authorization.
- Developed login, OTP login, and forgot-password flows using Node.js, reducing user support requests by 40%.
- Integrated Razorpay for seamless and secure payment processing in India, maintaining 99.9% uptime.
- Managed payment logs to track transactions and ensure accuracy.

Educational Background

July 2019 - May 2023

Bachelor of Engineering in Electrical and Electronics

Einstein College of Engineering

Skills

- **Backend:** Node.js, Express.js
- **Databases:** PostgreSQL, MySQL, MongoDB
- **ORM:** Sequelize
- **Frontend:** React.js, JavaScript, HTML, CSS, Tailwind CSS
- **Cloud & DevOps:** AWS (Lambda, S3, SES)
- **Testing:** Jest
- **Tools:** Swagger, Git

Certifications

- Node.js - NamasteDev.com

Additional Information

- Received the "Code Quality Champion" award for consistently delivering clean, maintainable, and well-tested code at Centizen Inc.