# THISAL GONSALKORALA

SOFTWARE ENGINEER

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## PROFESSIONAL SUMMARY

A highly motivated final-year IT undergraduate specialized in Information Technology at SLIIT with one year of hands-on internship experience as a Software Engineering Intern. Proficient in full-stack development, software engineering best practices, and agile methodologies. Seeking to contribute as an Associate Software Engineer with proven skills in delivering real-world applications.

## WORK EXPERIENCE

### Software Engineer | Internship

*ABMSZ*

12 Aug 2024- present

- Collaborated with the development team to support and enhance full stack web applications
- Contributed to code reviews, debugging, and improving overall code quality in agile environments

## EDUCATION

### SLIIT

BSc(Hons) In IT Specialization in Information Technology          2022 – 2026

- Studied core areas like web development, databases, and software engineering
- Maintained strong academic performance throughout the degree

### CHRIST CHURCH BOYS COLLEGE

GCE Advanced Level in
Physical Science Stream          2019 - 2021

## SKILLS

- **Frontend**: React.js, HTML5, CSS3, Tailwind CSS, JavaScript (ES6+), TypeScript, Vite, React Native, Bootstrap
- **Backend**: Node.js, Express.js, RESTful APIs, PHP, JWT auth , SpingBoot
- **Database**: MongoDB, Firebase, MySQL, Cloudinary
- **Version Control**: Git, GitHub
- **Tools & Platforms**: VS Code, Postman, Vercel, Render, MySql Workbench, AWS, Google Cloud
- **Deployment**: CI/CD (basic), Vercel, Docker
- **Others**: Logical thinking, Problem Solving, Conflict resolution, Team working

## PROJECTS

### AirInvoice Pro – OCR & PDF Automation Tool
May 2025 - June 2025

- Parsed invoice data using Google Doc AI, generated PDFs using jsPDF, stored using Cloudinary, and used Google Auth for authentication.
- Allowed users to easily send invoices via email and WhatsApp directly through the web app, or download them in PDF format for offline use.
- Enabled travel agencies to automate invoice handling, reducing processing time and errors, while improving document accuracy and client trust

### Global HRM Mobile App
Jan - Feb 2025

- Built with React Native and integrated with the existing Global HRM backend via REST APIs, the app brings key HR functionalities like leave management, claims, attendance and communication feature to employees' fingertips for anytime, anywhere access.

## PROJECTS

### <u>MyTicketer</u> - Full-Stack Travel CRM Platform
Aug 2024 - Oct 2024

- Developed the first official website for MyTicketer Pvt Ltd, enabling users to seamlessly switch between Australia and Sri Lanka for a localized ticketing experience.
- Built using the MERN stack (MongoDB, Express.js, React.js, Node.js) to deliver a scalable

### <u>GLOBAL CRM</u> - CR Management System
June 2025 - July 2025

- Developed a full-featured CRM system with secure Google login via OAuth2, enabling seamless authentication and user onboarding through Google Console APIs.
- Built RESTful API endpoints and deployed the backend to Vercel serverless functions, optimizing response times and scalability for production use.
- Integrated an automated email system using scheduled cron jobs to send newsletters, onboarding emails, and engagement alerts based on customer status and holiday triggers.

### <u>IntelliTask</u>- Smart Task and Reminder Management Assistant
Feb 2025 - July 2025

- Built a smart, cross-platform task management assistant using React.js, Node.js, and MongoDB, enabling CRUD operations, profile management, and weekly productivity reporting in PDF/CSV formats.
- Integrated natural language processing and voice input with Google Speech API, chrono-node, and compromise.js to support intelligent task creation and automatic priority assignment.
- Implemented secure JWT-based authentication and a timezone-aware notification system that delivers reminders via both text and voice, tailored for students and professionals.

## PROJECTS

### <u>LandoTravels</u> - Full-Stack Travel CRM Platform
June 2025

- Built and deployed a responsive React + Vite frontend with an Express + MongoDB backend on Vercel, using JWT authentication and Cloudinary integration.
- Helped Lando Travels Pvt Ltd improve customer experience and operational efficiency by reducing load times, boosting SEO visibility, and enabling secure, real-time product management.

### <u>Learnly</u>– Learning Management system
Feb  2025 - June 2025

- Developed a full-stack Learning Management System (Learnly) with a social media experience using React.js, Express.js, Spring Boot, and MongoDB, inspired by LinkedIn Learning.
- Integrated Google OAuth 2.0 authentication to enable seamless, secure login and personalized learning journeys for users.
- Implemented core LMS features including course enrollment, content delivery, progress tracking, and interactive learning feeds to foster user engagement.

### <u>GLOBAL HRM</u> – HR Management System
Sep 2024 - Dec 2024

- Developed using React.js, Node.js, Express.js, and MySQL deployment on AWS, with JWT based authentication and used Firebase.
- Integrated comprehensive modules including HR analytics, personal profile, medical claims, loan requests, training management, and internal communication tools.
- Designed to automate and optimize HR operations such as payroll, attendance prediction, recruitment, and performance tracking, improving efficiency for modern organizations