

# Randima Dias

Full Stack Engineer | React.js + Node.js Expert | AWS Enthusiast

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 [LinkedIn](#) |  [GitHub](#) |  [Portfolio](#) |  [Behance](#)

Colombo, Sri Lanka

## Profile Summary

Full Stack Engineer with 1 year of professional experience specializing in JavaScript technologies, including React.js and Node.js. Designed and developed end-to-end web applications and integrated AWS services for scalable cloud solutions. Delivered efficient, user-focused applications in collaborative team environments.

## Technical Exposure

- **Programming Languages** - JavaScript, TypeScript
- **Web Development Frameworks** - React.js, Node.js, Express.js, Next.js, Nest.js
- **Markup and Styling** - HTML, CSS, Tailwind CSS, Ant Design, Bootstrap
- **Databases and ORMs** - MySQL, PostgreSQL, MongoDB, PrismaORM, TypeORM
- **Authentication Providers and Methods** - Auth0, JWT Authentication
- **Cloud and Serverless Technologies** - AWS (Lambda, EC2, S3, SQS, SES, CloudWatch), Serverless Framework
- **Containerization and Deployment** - Docker
- **Version Control Systems**: Git, GitHub, GitLab
- **Testing Tools** - Jest, SonarLint
- **CI/CD and Automation** - GitHub Actions
- **Development and Collaboration Tools** - Postman, VS Code, IntelliJ IDEA, Swagger API, Jira, Figma, Draw.io

## Experience

- **Kingteza Software Solutions (Pvt) Ltd** Jul 2024 - Jan 2025  
Associate Software Engineer Rajagiriya, Colombo
  - Engineered a FIFO-based notification system using AWS SQS and Serverless Framework, processing over 1,000 ordered messages daily, and utilizing AWS CloudWatch for log monitoring and debugging
  - Created responsive and user-friendly interfaces using Next.js, integrating 30+ front-end components with back-end services via Axios for seamless data communication
  - Built scalable back-end endpoints using Nest.js, and used PrismaORM for designing database schemas and managing CRUD operations across 10+ models
- **Itelasoft (Pvt) Ltd** Nov 2023 - May 2024  
Software Engineer - Intern Mirihana, Colombo
  - Researched the Clean Architecture principle applied to a Node.js application and implemented a full-stack project, enabling over 50% faster unit test implementation and provided feedback on development standards
  - Formulated unit test cases using Jest, aiming for a test coverage of over 85% to ensure code reliability and maintainability
  - Explored Docker and containerized both front-end and back-end applications, resulting in a 50% of reduction in deployment time and improving scalability

## Education

- **University of Colombo School of Computing** May 2021 - Oct 2024  
BSc. Computer Science | 3.3593 - Second Class Upper Division
  - Major - Web Development
- **IJSE - Institute of Software Engineering** Jan 2020 - Sep 2020  
The Diploma of Comprehensive Master Java Developer

## Projects

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- **Winlads: Rewards-Based Shopping Tool**

Tools: React.js, Next.js, Nest.js, TypeScript, Tailwind CSS, PostgreSQL, PrismaORM, AWS

- Delivered production-ready front-end and back-end components within a Microservice Architecture, contributing to the development and deployment of scalable cloud-based solutions

- **Prescripto: E-Channeling Application**

Tools: React.js, Node.js, Express.js, Tailwind CSS, MongoDB, Stripe, AWS, JWT Authentication



- Constructed a full-stack project for an online doctor channeling platform, implementing user authentication, payment integration, and efficient database management

- **GFlock: Online Shopping Cart**

Tools: React.js, TypeScript, Tailwind CSS, Node.js, Express.js, MySQL, TypeORM, Auth0, Jest, Docker



- Implemented an individual full-stack project, applying Clean Architecture principles to enhance system maintainability and test coverage

- **Sense and Science: Blog Post Application**

Tools: TypeScript, Next.js, Tailwind CSS, Firebase, Figma



- Designed and pioneered front-end user interfaces, with 100% contribution, optimizing user experience and boosting interaction through responsive design

- **Todo Application**

Tools: React.js, TypeScript, Bootstrap, Node.js, Express.js, MySQL, PrismaORM, JWT Authentication, Jest, SonarLint



- Developed a fully functional To-Do application with a three-tier architecture, incorporating task management and secure user authentication

## Certifications

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- **Coursera**

- Introduction to front-end development
- Programming with JavaScript



- **Postman**

- API fundamental student expert badge



- **KodeKloud**

- Docker Training Course



- **LinkedIn**

- CSS advanced layout with grid
- Learning JavaScript Language



## Extra Curricular Activities

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- **CompSoc - UOC**

Web Development Team

- Created the front-end of the blog platform, enhancing user experience and functionality
- Coordinated with the Organizing Committee of the APAN56 - 24 hours Datathon

- **Peocode - UCSC**

Web Development Team

- Designed and delivered comprehensive web development content, supporting team growth and skill-building

- **Rekha Music Circle - UCSC**

Orchestra

- Showcased musical talent as both a violinist and a vocalist in university events

- **Rotaract Club - UCSC**

Club Service Avenue

- Monitored and guided club service initiatives to enhance member engagement and involvement