

# RUSHAN EDIRISURIYA

## Senior Full Stack Engineer | React & Node

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Colombo



### EXPERIENCE

#### Senior Full Stack Engineer (React | Node | Flutter)

Paywat - SAAS Platform 06/2022 - 06/2025 USA (Remote)

- Played a key advisory role in tech stack decisions, reducing infrastructure costs and improving delivery timelines.
- Designed and delivered a full-stack auto top-up solution with payment gateway integration, enabling parents to automate wallet and meal balance refills based on schedules or balance thresholds, ensuring scalability and reliability.
- Built a refund feature using Node.js, React, and payment gateway integration to handle card and wallet refunds. Automatically updated balances and sent refund invoices via email using Amazon SNS.
- Integrated SurveyJS React forms into our SaaS platform, enabling dynamic, mobile-responsive forms and reducing both development time and cost.
- Designed and built a monthly payouts system with payment gateway integration, auto-generating pending and completed reports with export features to simplify and streamline financial operations.
- Contributed to the launch of a Flutter mobile app with biometric authentication, improving mobile user retention.
- Rebuilt the frontend using React, TypeScript, Tailwind CSS, and MUI to improve maintainability, enhance UI consistency, and boost overall developer velocity.
- Implemented wallet and card transactions, linked items and invoices to track the full payment flow, making it easy to review history and handle future inquiries.
- Actively involved in Agile ceremonies, backlog grooming, and release planning.

#### Senior Software Engineer - Frontend (React | Next.js)

Aeturnum 06/2021 - 06/2022 Colombo

Padgea - Real estate platform

- Bootstrapped front-end code and designed the folder structure & defined code standards.
- Involved in pair programming with tech lead/architect to discuss the code standards and requirements.
- Applied atomic design principles to create a modular, scalable front-end architecture.
- Implemented full authentication flow using AWS Amplify Auth, leveraging backend configuration to rapidly set up secure sign-up, sign-in, and session management for the app.
- Developed an Airbnb-style property listing using React, Next.js, and Mapbox API with dynamic map focus and scroll-based property loading for a seamless user experience.
- Designed and implemented 30+ reusable UI components using React, Next.js, TypeScript, Redux, and Material UI.
- Mentored junior developers in modern React patterns, testing, and TypeScript best practices.
- Involved in code reviews and acted as the required reviewer.
- Created unit test cases for individual atom level components.

#### Software Engineer L3 - Frontend (React)

Keeneye Solutions 04/2021 - 08/2021 Colombo

EFL - Logistic Tool

- Built a logistics tool using React, Redux, and Google Maps to let agents update CargoWise One ERP on-site and track shipment locations in real time, reducing delays.
- Generated dynamic invoices using React, TypeScript, and jsPDF, allowing users to view, download, and print invoices with real-time data.
- Fixed UI issues in existing tools to make them easier to use and look consistent across different browsers, improving the overall user experience.

### SUMMARY

Full Stack Software Engineer with 7+ years of experience delivering high-performance web and mobile applications across EdTech, Real Estate, Logistics, Fintech and E-Commerce industries. Proven expertise in building scalable front-end architectures using React.js, Next.js, TypeScript, and Tailwind CSS, with solid backend proficiency in Node.js, Express, NestJS, and AWS cloud-native services. Demonstrated success in leading UI/UX transformations, implementing component libraries, and optimizing system performance. Passionate about clean code, agile development, CI/CD pipelines, and modern DevOps practices.

### EDUCATION

#### B.Sc. (Hons) in Information Technology, Specialising in Software Engineering

Sri Lanka Institute of Information Technology

2015 - 2019

#### Industrial Diploma in Software Development

OpenArc Campus, Sri Lanka

2013 - 2014

### PUBLICATIONS

#### Towards a Smart City: Application of Optimization for a Smart Transportation

IEEE

Dr. Windya Rankothge, Rushan Edirisuriya, Chamindu Thiranjaya, Prabath Udayanga, Udeshika Ranaweera.

2018

### AWARDS

Dean's List (2018) Academic Excellence

eSports Champion - Game Ladders DOTA 2 League (2014)

Runner-up - SLCG eSports DOTA League (2013)

## EXPERIENCE

### Backend Developer (Node)

**Persystance Networks (Pvt) Ltd** 📅 03/2019 - 04/2021 📍 Colombo  
Supiripola.lk - E-Commerce

- Developed RESTful APIs with comprehensive Swagger documentation to support seamless integration and clear communication across teams.
- Designed a product catalog using Node.js and MongoDB to store and manage product data efficiently for an e-commerce platform.
- Integrated Cargills Bank payment gateway, ensuring secure and reliable payment processing within the platform.
- Connected the system to Mobitel's SMS API to automatically send payment success notifications to customers.

### Trainee Web Developer (PHP)

**Wijeyanewspapers (Pvt) Ltd** 📅 02/2017 - 09/2018 📍 Colombo

- Helped build a newspaper subscription system where users can sign up, choose a plan, and make payments online.
- Fixed bugs and small issues to make the site more reliable and user-friendly.
- Worked on improving the look and feel of the site to make it easier and nicer for people to use on both desktop and mobile.
- Helped maintain and update the company's news website to keep it running smoothly and up to date.

## REFERENCES

### Mr.Chamindu Thiranjaya

Lead Software Engineer  
IFS  
chamindu.cta@gmail.com  
+94717380347

### Mr.Sameera Madushan

Technical Lead  
Gapstars  
sameeramadushan@gapstars.net  
+94718173441

## CORE TECHNICAL SKILLS

### Frontend expert in

ReactJs    Redux Toolkit    TypeScript

JavaScript(ES6)    HTML5    CSS/SCSS

Tailwind CSS    MUI    Bootstrap

### Backend expert in

NodeJs    ExpressJs    Sequelize

SQL    REST APIs    Socket.io    JWT

### Intermediate in

NestJs    GraphQL    NextJs

MongoDB    Storybook

### Basic in

Kafka    RabbitMQ    SQS

PostgreSQL    Redis

### Cloud & DevOps

AWS Lambda    EC2    S3    RDS

ECS    CloudWatch    Amplify auth

Docker    GitHub actions

### Architecture & Tools

Microservices    Serverless    MVC

Headless CMS    Atomic design

Postman    Figma    Confluence    Jira

### Testing

React testing library    Jest    Mocha

Cypress

### Practices

OOP    SOLID Principles

Secure Coding    Agile development

Scrum    Performance Optimization

Dry Principles