

# HASITH LAKSHAN

Senior Full Stack Engineer | React | Node.js | Microservices | AI Integration

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Sri Lanka

## ABOUT ME

Senior Full Stack Software Engineer with 6+ years of experience designing and delivering scalable enterprise web applications across banking and SaaS domains. Proven expertise in building end to end solutions across frontend and backend systems, with deep experience in microservices architecture, API integrations, database design, and AI powered automation workflows including OpenAI integrations and OCR pipelines. Led system migration initiatives, conducted code reviews, mentored junior engineers, and contributed to architectural decisions. Proven experience collaborating with multinational teams across the UK, Ireland, Singapore, and Malaysia.

## TECHNICAL SKILLS

- Frontend** : React.js, TypeScript, JavaScript (ES6+), Redux (Toolkit, Thunk, Saga), MUI, Ant Design, Three.js, SurveyJS, Razor, HTML5, CSS3, MS CRM & Salesforce Customization
- Backend** : Node.js, Express.js, ASP.NET MVC, ASP.NET Core Web API, REST APIs, SOAP APIs, Microservices, Sequelize ORM, Joi
- AI / LLM** : OpenAI API, Claude, OCR pipelines, n8n agentic workflows
- Databases** : MySQL, MSSQL, MongoDB, Redis, Firebase
- Cloud & DevOps** : AWS, Jenkins, GitHub Actions, Git, Bitbucket, CI/CD pipelines, Swagger
- Testing & Quality** : Jest, SonarQube, Code review, mentoring
- Tools** : Jira, Confluence, Figma, Zeplin

## WORK EXPERIENCE

### Senior Full Stack Engineer

3B Soft Limited | United Kingdom (Remote) | June 2025 – Present

- Developed and customized Salesforce based web applications using SurveyJS.
- Developed and maintained Node.js/Express APIs while migrating the JavaScript codebase to TypeScript to improve maintainability and reduce runtime errors.
- Built an OpenAI powered OCR pipeline that auto fills dynamic SurveyJS forms from uploaded documents, eliminating manual data entry from the customer facing intake workflow.
- Adopted agentic AI coding workflows to accelerate feature delivery and refactor cycles.
- Designed an OpenAI + n8n agentic workflow that generates job-specific candidate questionnaires from inbound CVs, accelerating recruiter screening throughput.
- Tech: JavaScript, TypeScript, SurveyJS, Node.js (Express), n8n, Salesforce, Jira, Claude, OpenAI

### Senior Software Engineer

Avanade | Malaysia (Onsite) | February 2024 – June 2025

Client: **Tenaga Nasional Berhad (TNB)** - Malaysia

- Worked on version upgrade project (RP3 to RP4) focusing on tariff rates and BCRM external service integrations.
- Managed ASP.NET MVC monolithic applications (Razor-based UI) and separate .NET Core Web API microservices for mobile applications, handling REST and SOAP APIs.
- Analyzed impacted areas and delivered DB changes with SQL scripts plus rollback scripts for safe releases.
- Collaborated with team lead and mentored junior developers to resolve delivery challenges.
- Tech: ASP.NET MVC, .NET Core Web API, Razor, JavaScript, AWS, MSSQL, SOAP UI.

Client: **United Overseas Bank (UOB)** - Singapore

- Led development of React applications within the Microsoft Dynamics CRM platform.
- Architected reusable frontend components and API abstractions, reducing duplicated networking logic and improving integration efficiency across teams.
- Implemented automated unit testing using Jest, including API mocking and component level testing.

- Maintained 80%+ test coverage using SonarQube to ensure code quality across releases.
- Tech: React, Redux, Jira, MUI, Microsoft Dynamics CRM, Jest, Jenkins, SonarQube.

## Software Engineer

**Digital Blue Foam** | Singapore (Remote) | December 2022 – December 2023

- Developed reusable components using React hooks, significantly improving code maintainability and streamlining development workflows.
- Integrated AI driven design generation and embedded 3D models with high resolution rendering.
- Performed R&D integrating Google 3D Tiles for enhanced visual realism.
- Managed sprint planning, complexity estimation, performance optimization, and resolved re-rendering performance issues.
- Tech: React, Redux(redux-toolkit), Jira, Figma, Material UI

## Senior Full Stack Software Engineer

**School Grove Technology** | Ireland (Remote) | October 2021 – December 2022

- Developed reusable components using React hooks, significantly improving code maintainability and streamlining development workflows.
- Led comprehensive development from the frontend to the backend, implementing a robust microservices architecture that significantly enhanced system scalability and performance.
- Implemented algorithms to detect transaction issues within the Paywat live web application, ensuring seamless and error free user experiences.
- Resolved bugs promptly based on live user scenarios, ensuring a reliable application experience.
- Conducted code reviews and supported junior developers.
- Tech: React, Redux Toolkit, Node.js (Express), MySQL (Sequelize ORM), Joi, Material UI, Swagger

## Software Engineer

**Noetic Marketing Technologies Ltd** | Sri Lanka (Onsite) | July 2019 – October 2021

- Led development of checkout/booking flow, hotel, user, and private rate management features.
- Integrated headless WordPress CMS, reducing code complexity and enabling content updates without redeployment.
- Integrated FEBE (NodeJS Middleware) and ESB (Enterprise Service Bus), optimizing system functionality and data flow.
- Mentored and onboarded new developers, improving team productivity and collaboration.
- Tech: React, Redux(redux-thunk), Node.js(Express), Jira, Zeplin, Ant Design

## Trainee Software Engineer

**eBEYONDS (Pvt) Ltd** | Sri Lanka (Onsite) | September 2018 – April 2019

- Designed and implemented a scalable rule engine using robust design patterns.
- Tech: PHP (Laravel Framework 5.4), MySQL, Ext Js, JavaScript, PuTTY

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## EDUCATION

### BSc in Computer Science (2016 – 2019)

University of Colombo School of Computing

### MSc in Computer Science

University of Colombo School of Computing

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## CERTIFICATIONS & ACHIEVEMENTS

- Industrial Development Expert Java EE Training Programme (2018)
- IEEE Xtreme 2017 Participant
- Sri Lanka Robotics Challenge Participant
- Digital Dreams Robotics Competition Participant
- Best Mathematics Student
- Best Combined Maths Student