LANKA RATHNAYAKA

FULLSTACK ENGINEER

✉ rmllbrathnayaka@gmail.com   📞 +61 410 055 886
🏠 Melbourne,Australia   in linkedin.com/in/lanka-rathnayaka/

Familiar Technologies   JavaScript, Next.js, React.Js, MongoDb, Node.js, AWS,Azure,MongoDb

Connect with Me   Medium Profile 🔗   Stack Overflow Profile 🔗

Hi I am currently living in Werribee Australia and I have full work rights to work in Australia. I have been working as a Fullstack- Engineer for over 3+ years. In my recent project, I mostly worked with NextJs, JavaScript/Typescript. Learning JS has made it easy to work in both front end and back end so I enjoy being a Full Stack Engineer.

Swivel Tech	May 2022 - Present

Champion Data Project

- Objective:
  - Build an app to track and record player moves during Australian football league matches
- Target audience:
  - ICC officials using the app during league matches starting on April 2023
- Key deliverables:
  - App should work seamlessly on iPad-mini devices
  - A functional ICC Interchange app for real-time player tracking during matches
  - User-friendly UI design and seamless API integration
  - Support for PWA and offline working mode requirements
- Impact
  - Improved player tracking and time recording during matches
  - Increased efficiency and accuracy in data collection with offline capability.

- **Technologies: Nextjs,Typescript,Zustand,Material UI, Tankstack query**

Digi Bank Project

- Objective:
  - Facilitate digital banking for enterprises through the Union Bank digital web application
- Key deliverables:
  - Building a white labeled Digi Bank web application
  - A seamless and user-friendly digital banking experience for enterprise customers onboarding user story
  - Integrate account statement option to the product
  - Customizable branding options to align with the enterprise's brand image
  - Improved security through the role-based authentication
- Impact:
  - Improved accessibility to digital banking services for enterprise customers
  - Streamlined onboarding process for enterprises
  - Increased trust and security in the digital banking platform.
- **Technologies: React.js, Redux Toolkit, RTK Query, Chakra UI**

99x	june 2020 - May 2022

99x Device Booking System

- Objective:
  - Improving 99x Device booking system
- Responsibilities:
  - Developing UIs for registration of devices
  - Developing APIs for registration of devices
  - Hosting the APIs and front end on Azure
  - Integrate pipelines for Azure deployment
- Key deliverables:
  - Functional device registration floor in the booking system
  - APIs for seamless integration with other systems
  - Efficient deployment pipelines for rapid updates and maintenance

Rambase Cloud ERP

- Objective:
  - Develop new features for Project Rambase, a Cloud ERP solution
- Responsibilities:
  - Adding new features for the existing Rambase ERP
- deliverables:
  - Innovative new features to enhance the ERP solution
  - High-quality code for efficient and reliable performance
- Impact:
  - Increased customer satisfaction by adding custom features

Research and development

- Objective:
  - Develop a multivendor E-commerce platform to serve the Sri Lankan market
- Responsibilities:
  - Implemented customer and vendor registration on both ReactJS frontend and NodeJS backend
  - Building the correct server endpoints in node.js and integrating them with front end.
  - Creating the CI/CD pipeline in Heroku
- Key deliverables:
  - Functional E-commerce platform for multiple vendors and customers
- **Technologies: Node.js,React.js, Material UI, Redux and MongoDB**

FINAL YEAR RESEARCH(UNDERGRADUATE)

- 3D interactive data visualization tool for Covid-19
- Building a 3D interactive data visualization tool with fusion of metaphors to identify hidden patterns inside a dataset. Taking COVID-19 dataset as a case study
  - React, Three.Js, D3.js ,WebGL, Google Maps API)