

# Milan Malshika

*Software Engineer*

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## SUMMARY

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A dedicated software engineer with **over 3 years of experience**, passionate about learning and adapting to new technologies in the ever-evolving IT field. I have gained valuable experience through diverse projects, enhancing my problem-solving skills and technical expertise. With a strong commitment to teamwork and innovation, I strive to deliver impactful solutions that drive organizational success while advancing my professional growth.

## TECHNICAL SKILLS

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**Languages:** JavaScript, TypeScript

**Frameworks:** NextJS, NestJS, NodeJS, Express

**Web Server:** REST API, JSON, XML

**Version Controlling:** Git, Bitbucket

**Methodologies:** Agile Scrum, Waterfall

**IDE:** WebStorm, VSCode

**AWS Services:** Amplify, S3, Lambda, Route53, Cloudwatch, Cloudformation, API, IAM, DynamoDB, Opensearch, Cognito

## EXPERIENCE

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### Software Engineer

Since Jan. 2023

*Avonet Technologies PVT LTD*

*Kent Town SA 5067, Australia*

- Clients: World Compass, Odamigo
- Project: **Train Ticket Booking System**
- Started to work with RailEurope and sell our product to their customers as well. And grow more the product
- Technologies: **NextJs, NestJs, TypeScripts, AWS Resources**
- My Responsibilities:
  - \* Successfully integrated the PAYTEN payment method as a configurable feature for the Odamigo client, ensuring seamless and efficient payment processing.
  - \* Took ownership of releasing QA, staging, and live versions of projects, incorporating DevOps practices to streamline deployment workflows.
  - \* Managed and configured domains using AWS Route 53 to ensure reliability and scalability.
  - \* Designed and planned the invoice flow for credit booking processes, collaborating closely with team members and providing technical guidance to other developers.
  - \* Spearheaded the design and planning of a ferry booking process integrated into the International Rail platform, supervising other developers to ensure successful implementation.
  - \* Planned and designed for invoice flow for credit bookings. And handled other developers for that.
  - \* Implemented OKTA sign-in (external identity provider) with AWS Cognito for seamless user authentication in the International Rail project.
  - \* Planned and analyzed client requirements, creating detailed estimation documents to facilitate project planning and execution.

### Associate Software Engineer

Apr 2022 - Dec 2022

*Avonet Technologies PVT LTD*

*Kent Town SA 5067, Australia*

- Clients: International Rail, Ohshu Express, WebBeds
- Project: **Train Ticket Booking System**
- The International Rail project was converted into a customizable product as name "AVNLINK".
- Technologies: **NextJs, NestJs, TypeScript, AWS Resources**
- My Responsibilities:
  - \* Implemented the GMO payment gateway into the Ohshu project as a configurable option alongside the existing Stripe gateway, ensuring flexibility and adaptability in payment processing.
  - \* Planned, designed, and supervised the implementation of Japanese translations for the website, guiding other developers to ensure accurate localization.
  - \* Designed and implemented an offline booking process for administrators on the International Rail platform, coordinating with and mentoring other developers during the development phase.

- \* Developed and implemented the credit booking flow for WebBeds and Ohshu projects, providing technical leadership to other team members throughout the process.
- \* Configured and added MFA functionality using AWS Cognito for secure logins in the WebBeds project.
- \* Began leveraging AWS Amplify to enhance project development and deployment workflows.

## Software Engineer Intern

Avonet Technologies PVT LTD

Oct 2021 - Apr 2022

Kent Town SA 5067, Australia

- Client: International Rail
- Project: **Train Ticket Booking System**
- Built a Europe-based platform for booking railway tickets and passes in Australia, integrating Rail Europe APIs. Enabled agents and consultants to make bookings through the system, while providing admins with tools to manage bookings and agents via a dedicated admin panel.
- Technologies: **NextJs, NestJs, TypeScript, AWS Resources**
- My Responsibilities:
  - \* Built user interfaces based on Figma design specifications, ensuring a high standard of quality and user experience.
  - \* Designed and implemented backend functionalities to support core application requirements.
  - \* Successfully completed end-to-end integrations between frontend, backend, and third-party services to ensure seamless functionality.
  - \* Identified and resolved software bugs, improving overall system stability and performance.

## PROJECTS

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### Train Ticket Booking System | *Next Js, Nest Js, TypeScripts, AWS Resources*

Avonet Technologies

- Built a Europe-based platform for booking railway tickets and passes in Australia, integrating Rail Europe APIs. Enabled agents and consultants to make bookings through the system, while providing admins with tools to manage bookings and agents via a dedicated admin panel. And this is a customizable product. So we have many clients in different countries.
  - \* A client in Australia: **International Rail**
  - \* Clients in Japan: **Ohshu Express** and **World Compass**
  - \* A client in Singapore: **WebBeds**
  - \* A client in Turkey: **Odamigo**

### IMSystem | *HTML, CSS, PHP, Javascript*

2nd Year Group Project

- IMSystem is a web application to support Academic and Publication Division of UCSC for there documentation.
- We prepared:
  - \* Staff medical support scheme.
  - \* Hall Allocation Scheduling.
  - \* Student Attendance Recording.
  - \* Mahapola Scheme.
- GitHub: **IMSystem**

### SmartRide | *Flutter, PostgreSQL, Express, React, NodeJs*

3rd Year Group Project

- Mobile application to pay the bus fare and web app for bus owner to handle their busses and their routes. Kind of a mobile wallet works with NFC technology; passengers can pay the bus fare according to the distance they travel. And view details about routes.
- GitHub: **SmartRide**

## EDUCATION

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### University of Colombo School of Computing | *Colombo, Sri Lanka*

- BSc. in Computer Science (2019 - 2022) - GPA 3.12

### Richmond College | *Galle, Sri Lanka*

## CERTIFICATIONS

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Ultimate AWS Certified Developer Associate 2022 - NEW! Udemy

React - The Complete Guide (incl Hooks, React Router, Redux) Udemy

AWS Certified Developer - Associate (Ongoing Course from Cantril)