

AVISHKA CHANAKA

Full Stack Software Engineer

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SUMMARY

Full-stack Software Engineer with 2.6 years of hands-on experience in React, Node.js, TypeScript, .NET Core, and Spring Boot. Skilled in building scalable web/mobile apps, integrating third-party APIs, and working across AWS and Azure cloud services.

Strong background in microservices, Microsoft Graph API, OAuth 2.0, and database management (MySQL, MongoDB, DynamoDB). Passionate about clean code, creative UI/UX, and collaborating with teams to deliver impactful solutions.

EXPERIENCE



Full Stack Software Engineer

Sonic Labs 📅 11/2024 - Present 📍 Colombo, Sri Lanka

- Built and maintained a scalable, multi-tenant admin portal.
- Integrated **Microsoft Graph API** and **OAuth 2.0** for secure enterprise features.
- Worked directly with UK clients on delivery, planning, and production handovers.
- Led **client-facing sessions**, tackled deadlines, and ensured creative, scalable UI/UX.
- **Tech Stack:** .NET Core, React, Azure Functions, Azure App Services, Microsoft Graph API, OAuth 2.0, SQL Server



Associate Software Engineer

Tecciance 📅 04/2023 - 09/2024 📍 Colombo, Sri Lanka

Responsibilities

- Built microservices and data flows with **AWS**, **Zoom APIs**, and **Keycloak**.
- Automated data processing via **Python scripts** and embedded **AI/ML insights**.
- Created secure and responsive UIs and enhanced system integration across services.
- **Tech Stack:** AWS (Lambda, S3), Zoom APIs, MySQL, Keycloak, Python, React, AI/ML tools, Node, Java, Docker.



Associate Software Engineer (Outsourced)

Acentura 📅 04/2023 - 09/2023 📍 Colombo, Sri Lanka

Responsibilities

- Developed trip management with **Google Maps integration** and real-time updates.
- Mentored juniors, enforced standards, and enabled **role-based access controls**.
- Contributed to client delivery with agile practices and scalable architecture design.
- **Tech Stack:** React, .NET Core, Google Maps API, Firebase, JavaScript, SQL Server.



Software Engineering Intern

Digiratina 📅 09/2022 - 04/2023 📍 Pepiliyana, Sri Lanka

Responsibilities

- Optimized APIs and built **mobile-responsive** web solutions.
- Collaborated with QA to ship robust, production-ready features.
- Delivered a redesigned office site with enhanced functionality and performance.
- **Tech Stack:** JavaScript, React, Java (Spring Boot), MongoDB, DynamoDB.

EDUCATION



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

SLIIT

📅 2020 - 2024



G.C.E. Advanced Level (2019)

Dudley Senanayake Central College

📅 2011 - 2018

- **Combined Mathematics C**
- **Physics C**
- **Chemistry C**

SKILLS

Front-End Technologies

HTML

Material UI

Shadcn

JavaScript/TypeScript

Redux

Sass/CSS

React

Tailwind CSS

Back-End Technologies

Node.js

Java/Spring Boot

.Net core

Python

NextJs

Databases

MongoDB

MySQL/SQL Server

DynamoDB

Firebase

Tools & Platforms

GitHub

GitLab

Jenkins

Zoom Developer APIs

Google Maps

Docker

Azure App Services

AWS Services

Microservices

Kubernetes

Kubernetes

PROJECTS

Broadband Portal (UK Project)

📅 05/2025 - Present

Developed a web-based network management portal using **.NET Core**, **React**, **shadcn/UI**, and **Tailwind CSS**. The application allows admins to manage user IPs, DNS configurations, and firewall rules and monitor real-time network activity through dynamic dashboards. Integrated with internal APIs and supports secure logins via **Google**, **RM Portal**, and **Azure** authentication.

RM Community Connect (CC5) (UK Project)

📅 11/2024 - 02/2025

Developed a multi-tenant admin portal for UK-based school resource management, built with **.NET Core**, **React**, and **Azure services**. The platform allows school administrators to manage users, devices, roles, licenses, and policies across Microsoft Teams and Azure groups. Integrated with **Microsoft Graph API** for handling license assignments and role-based access.

Niroggi – Child Healthcare Platform

📅 09/2023 - 01/2024

Built a microservices-based healthcare app to guide parents, coaches, and children through interview sessions, ensuring policy compliance. Integrated **Zoom APIs**, **AWS Comprehend**, and **OpenAI** for analysis. Developed with **Node.js**, **TypeScript**, **Python**, and **MySQL**, with secure storage via **AWS S3**.

Track My Ride—Transportation & Booking Management

📅 04/2023 - 09/2023

Track My Ride is an end-to-end transportation management platform designed to handle employee transport bookings with real-time tracking, role-based access, and optimized logistics workflows. The system integrates a modern frontend built with **React**, **TypeScript**, **Redux**, **React-Saga**, and **Material UI**, and a robust backend powered by **.NET Core**, **SQL Server**, and **Azure** to ensure smooth operations, secure data handling, and efficient reporting.

Viu-Subscription

📅 01/2024 - 09/2024

Backend development for a TV channel streaming platform using **microservices architecture**. Implemented 5 independent microservices with **Java Spring Boot**, ensuring modular, scalable performance. Integrated **AWS SQS** for asynchronous messaging and used **MongoDB** and **MySQL** for handling both unstructured and relational data efficiently.

Central Number Pool – Number Management Service

📅 09/2022 - 03/2023

Developed backend services for number generation, search, and reservation using **Java** and **Spring Boot**. Enabled dynamic number pooling, real-time search, cart/reservation features, and automated unblocking with a scheduler. Used **DynamoDB** for fast, scalable data access.

Train Ticket Management System (University Project)

📅 08/2023 - 11/2023

An online train ticket booking system with a mobile app for users to book tickets and a web platform for managing bookings and train schedules. Built with **ASP.NET**, **React**, **TypeScript**, and **MongoDB**, and secured using **JWT**. Designed interfaces in **Figma** and deployed via **Azure**, with version control through **GitHub**.

Waste Management System Web Application (University Project)

📅 07/2022 - 10/2022

Built a **MERN stack** application with a **ReactJS** and RESTful APIs for user and item management, designed in Figma and managed via **GitHub**.

CERTIFICATION

[React - The Complete Guide 2025 \(incl. Next.js, Redux\)](#)

Udemy

[NodeJS - The Complete Guide](#)

Udemy-2024-AUG-8

[Full Stack Engineer Certificate](#)

Pro5.ai-2024-OCT

[Frontend Developer \(React\)](#)

HackerRank-2023-NOV-30

EXTRACURRICULAR ACTIVITIES AND ACHIEVEMENTS

- Represented SLIIT University for global exposure at BMICH for final year research.
- Deputy Head Prefect of the school in 2018.
- Junior and Senior Prefect from 2015-2017
- Played cricket, football, and athletics at school.
- Participated in cadets.
- Participated in the school drama team.

SOFT SKILLS

[Team Collaboration](#)

[Time Management](#)

[Problem-Solving](#)

[Communication](#)

[Leadership](#)

[Adaptability](#)

REFERENCES

[Mr.Kalana Elapatha](#)

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[Mr.Keshan perera](#)

Senior software engineer at Intervest Software technologies Pvt

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