# AVISHKA GAMAGE

Full Stack Software Engineer (React | .NET | C# |Node.js | Azure | AWS | GCP)

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## SUMMARY

Full-stack Software Engineer with **over 3 years of hands-on experience** designing and building scalable web and mobile applications using **React, Node.js, TypeScript, .NET, .NET Core, and Spring Boot**. Experienced in integrating complex systems, third-party APIs, and enterprise workflows across **Azure, AWS, and Google Cloud** environments.

Strong background in **microservices architecture**, **Microsoft Graph API**, **OAuth 2.0**, and **database management** (MySQL, MongoDB, DynamoDB, Cosmos DB). Adept at crafting secure, high-performance solutions with a focus on **clean architecture, UI/UX excellence**, and **innovation-driven development**. Passionate about solving complex problems and collaborating across teams to deliver impactful, production-ready solutions.

## EXPERIENCE

### Software Engineer

**Addovation**    📅 07/2025 - Present    📍 Colombo, Sri Lanka

- Contributed to wrapping the IFS Document Management System and building Office add-ins for Word, Excel, PowerPoint, and Outlook.
- Developed scalable front-end modules using React, Redux Toolkit, and Fluent UI with seamless Office integration.
- Built secure backend services in .NET Core and followed clean architecture principles.
- Integrated Microsoft Graph API, IFS APIs, and Azure AD SSO for document access and authentication.
- Managed large-file handling, Cosmos DB data storage, and multi-tenant Azure deployments.

### Full Stack Software Engineer

**Sonic Labs**    📅 11/2024 - 06/2025    📍 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.

## KEY ACHIEVEMENTS

💎 **Enhanced User Engagement**
Increased user engagement by 30% through UI/UX enhancements.

💎 **Optimized API Performance**
Reduced server response time by 45% by optimizing API calls.

💎 **Exceeded Delivery Targets**
Led team to deliver project 2 weeks early, improving client satisfaction by 20%.

## 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`  `C#`  `.NET`

### Databases

`MongoDB`  `MySQL/SQL Server`
`DynamoDB`  `Firebase`  `CosmosDB`
`PostgreSQL`

## EXPERIENCE

### 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.

## PROJECTS

### AddoShare – IFS Document Management Add-in Suite

📅 07/2025 - Present

Developed Office add-in suite linking IFS Document Management with Office tools for seamless access, SSO, version control. Built with React, .NET Core, Azure, Cosmos DB, Microsoft Graph for metadata sync, large-file handling in secure multi-tenant setup.

### Broadband Portal (UK Project)

📅 05/2025 - 06/2025

Developed network management portal using .NET Core, React, shadcn/UI, and Tailwind CSS. Enables admins to manage IPs, DNS, firewall, and monitor network via dashboards. Integrated APIs; supports Google, RM Portal, Azure logins.

### RM Community Connect (CC5)  (UK Project)

📅 11/2024 - 02/2025

Built a UK school multi-tenant portal using .NET Core, React, Azure. It manages users, devices, roles, licenses via Microsoft Teams, Azure. Integrated with Microsoft Graph API for license and access management.

### 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 a transportation management platform for employee bookings with tracking, role access, and logistics workflows. It integrates a front end with **React**, **TypeScript**, **Redux**, and a backend with **.NET Core, SQL Server**, and **Azure** for secure and efficient operations.

### Viu-Subscription

📅 01/2024 - 09/2024

Developed backend for TV streaming platform using microservices. Built 5 **microservices** with **Java Spring Boot** for modularity and scalability. Integrated **AWS** SQS for messaging; managed unstructured and relational data with **MongoDB** and **MySQL**.

### 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.

## SKILLS

### Tools & Platforms

GitHub  GitLab  Jenkins

Zoom Developer APIs  Bitbucket

Google Maps  Docker  Azure App Services

AWS Services  Microservices  Kubernetes

Kubernetes  Postman  Redis  JIRA

## 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.
- Increased leadership skills by 30% through active participation in Cadets program events and training sessions.

## SOFT SKILLS

Team Collaboration

Teamwork

Time Management

Problem-Solving

Communication

Leadership

Adaptability

## REFERENCES

**Mr.Kalana Elapatha**
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