

CHAMIKA GAYASHAN SAMARATHUNGA

SOFTWARE DEVELOPER

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SUMMARY

Software Engineer with approximately 4 years of industry experience in software development, backed by a Bachelor's degree in Computer Science (Software Engineering) and a recently completed Master's degree in Computer Science. Experienced in designing, developing, and maintaining software solutions while collaborating with cross-functional teams. Seeking a Software Engineer role where I can apply my technical expertise and continue developing high-quality software systems.

PROGRAMMING LANGUAGES

JavaDart

PythonC#

Javascript

TOOLS

GITAWS

DockerJira

FRAMEWORKS & TECHNOLOGIES

DjangoNodeJSSpring Boot

.NetMicroservicesREST APIs

ReactJSFlutter

SOFTWARE ENGINEERING

Object-Oriented Programming

Agile DevelopmentDatabase Design

Software TestingCI/CD

PROFESSIONAL EXPERIENCE

Software Engineer | Meridian (Pvt) Ltd

May 2024 - May 2025

Explore

- Developed and maintained backend services for a tour guide platform using Express.js and Node.js.
- Designed and implemented RESTful APIs to support scalable frontend-backend communication.
- Converted UI/UX wireframes into responsive React.js web applications.
- Integrated Firebase for secure media storage and file management.
- Collaborated with cross-functional teams to deliver new features and improve platform performance.

Software Engineer | Infragist (Pvt) Ltd

May 2024 - May 2025

ScribeIT Dashboard

- Developed and maintained dashboard applications supporting document scribing, proofreading, and review workflows.
- Delivered two production-ready dashboards within a six-month development cycle.
- Built reusable React.js components, including custom bar chart visualizations and an event management calendar with functionality similar to Google Calendar.
- Integrated RESTful APIs and Firebase services to support scalable user and report management.
- Implemented responsive, pixel-perfect user interfaces from Figma and design wireframes.

ScribelT Word Add-in

- Independently developed a Microsoft Word add-in using React.js and Office.js to streamline document management workflows.
- Built responsive user interfaces optimized for Microsoft Word add-in environments.
- Integrated backend APIs and Firebase services for authentication, data synchronization, and media management.
- Successfully delivered and released a fully functional production-ready solution.

ScribelT Foot Pedal Controller

- Independently developed a Windows Forms application for foot pedal integration and audio playback control.
- Implemented real-time synchronization between pedal controls and the ScribelT ecosystem using Firebase.
- Integrated authentication and communication services through RESTful APIs.
- Delivered a production-ready desktop application to support transcription workflows.

Amana Takaful Mobile Application

- Developed Flutter-based mobile application features and reusable UI components.
- Implemented business functionalities while ensuring responsive and intuitive user experiences.
- Collaborated with backend services through RESTful API integrations.

Amana Motor Web Dashboard

- Independently developed a complete React.js dashboard within a one-month delivery schedule.
- Designed and implemented responsive user interfaces and dashboard functionalities.
- Collaborated with senior engineers to integrate backend services and business requirements.

ScribelT Server

- Developed backend services using ASP.NET Core.
- Implemented JWT-based authentication and authorization mechanisms.
- Integrated SendGrid services for automated email notifications and communication workflows.

LoveTickets

- Developed Flutter user interfaces from Figma designs.
- Implemented user authentication and registration workflows.
- Integrated RESTful APIs and blockchain-related functionality within the application.
- Mentored junior developers and coordinated development activities to ensure project delivery.
- Assisted with project planning, progress tracking, and stakeholder reporting.

EDUCATION

Master of Science (MSc) in Computer Science

May 2025 - May 2026

University of East London

- Dissertation: Design and Performance Evaluation of a Multi-Tenant API Gateway with Dynamic Rate Limiting Using NestJS Microservices
- Grade: Distinction

Master of Science (MSc) in Computer Science

Aug 2019 - sep 2022

University of Wolverhampton

- Dissertation: An intruder detection system using Face Recognition for the online applications
- Grade: Distinction