

# Sahan Ranasinghe

## Arachchilage

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### Senior Software Engineer & React Developer Profile

Highly skilled and detail-oriented React Developer with hands-on experience in software engineering across diverse industries. Skilled in managing and mentoring junior programmers while fostering collaborative and growth-oriented environment. Demonstrates strong commitment to delivering high-quality solutions while prioritizing organizational benefits. Excel in adapting to emerging technologies, exhibiting ability to research and learn continuously. Strategic thinker with passion for tackling challenges and optimizing software systems to meet business objectives. Eager to contribute to innovative projects and advance within software development landscape.

## Technical Proficiencies

<b>Platforms:</b>	React.js, Node.js, Springboot, Nextjs, MongoDB, BigQuery
<b>Tools:</b>	Git, AWS, GCP, Cloudflare, Jenkins, Auth0, AlloyDB, Oracle, Wordpress, Shopify, Woocommerce, Magento, Figma, v0, Asana, Jira, Clickup, Linux Terminal, JWT, Bugsnag, Intercom
<b>Languages:</b>	Typescript, ES6 Javascript, HTML/CSS, My-SQL, Java
<b>Concepts:</b>	Component-Based Architecture, Microservices Architecture, Serverless Computing, CI/CD Pipelines, Object-Oriented Programming (OOP), Domain-Driven Design (DDD)

## Professional Experience

### AdUp – Amsterdam, Netherlands Senior Software Engineer

Jun 2022 — Present

Designing & Developing an AI tracking / checkout solution for European Market named "AdUp.io" using Reactjs with Typescript and PHP Laravel based APIs. This solution leverages machine learning for real-time product recognition, enabling a seamless checkout experience with secure payments through integration with popular European gateways.

- Integrated multiple payment gateways (Stripe, Adyen, Mollie, Buckaroo) and mobile wallets (Apple Pay, Google Pay).
- Leveraged AWS & GitHub workflows for efficient and automated deployments, and Cloudflare for robust and secure hosting.
- Utilized GCP with AlloyDB for reliable data tracking and leveraged BigQuery ML for advanced data analysis.
- Implemented WebAuthn for secure and user-friendly biometric authentication utilizing JWT.
- Experienced with Shopify Web Pixel for developing and optimizing e-commerce solutions on the Shopify platform.
- Integrated Bugsnag for real-time error monitoring and rapid issue resolution.
- Implemented Intercom for providing efficient and personalized customer support.
- Experienced with developing and customizing e-commerce solutions on the WooCommerce and Magento platforms.
- Enhanced program functionality by adding numerous features and improving performance and speed across multiple areas.
- Utilizing Figma for UI/UX design.
- Led frontend team with Agile methodologies. Provided technical leadership, including effort estimation and code reviews.

### LOLC Technologies Ltd – Colombo, Sri Lanka Software Engineer

Dec 2019 — Jun 2022

Experienced in designing and developing "FusionX" a composable core banking system using Reactjs with Typescript and Java Springboot based microservices that leverages advanced cloud technology and microservices architecture to deliver scalable, innovative, and cost-effective solutions. It is a next-generation system built with microservices and cloud-native architecture, enabling rapid, customizable financial product creation.

- Deep understanding of the FinTech industry and its specific challenges and requirements.
- Experience with integrating Rule Engines into financial applications for complex business logic.
- Proven ability to lead technical teams, conduct code reviews, and provide accurate effort estimations.
- Adept at working within Agile frameworks, including Scrum and Kanban.
- Proficient in developing and deploying applications using microservices architecture, with experience in utilizing CI/CD pipelines with Jenkins.

## Education & Credentials

### MSc in Artificial Intelligence, (reading)

University of South Wales - Cardiff, UK 2024 – 2025

### Bsc (Hons) in Computer Science, 1<sup>st</sup> Class Honors Award

University of Westminster - London, UK 2018 – 2023

### UWLQ Level 4 Diploma in Drama & Communication, DipLCM in English

University of West London - London, UK 2016 – 2017

### GCE Advanced Level

St. Joseph's College Colombo, LK 2016 – 2018

## Training & Certifications

- BigQuery & GCP training, AdUp, Jun 2014
- AWS POC, LOLC, Mar 2021
- Fintech domain training, LOLC, Aug 2020
- Chinese Language certification, Beijing Jiaotong University, Dec 2017
- Senior Certificate in Theory of Music, IWMS, Jul 2015
- Edexcel English CEF B2, Pearson, May 2015
- Social Service certification, HelpAge Sri Lanka, 2008

## Key Projects

- **AI Tracking Dashboard**, Jan 2024, Role: Developer, Client: AdUp, Link: [seller.adup.io](https://seller.adup.io)
- **AI Secure Checkout App**, Nov 2023, Role: Developer, Client: AdUp, Link: [secure-checkout.eu](https://secure-checkout.eu)
- **Central Cookies App**, Aug 2023, Role: Developer, Client: AdUp, Link: [centralcookies.online](https://centralcookies.online)
- **FusionX**, Mar 2022, Role: Developer, Client: LOLC Technologies, Link: [fusionx.biz](https://fusionx.biz)
- **ColMagix**, Sep 2021, Role: Developer, Client: Freelancing.
- **Demurrage Prediction & Warehouse Maintenance System**, Nov 2020, Role: Developer, Client: Freelancing.
- **Movie Rating Mobile App**, Apr 2019, Role: Developer, Client: Freelancing.

## References

- **Mr. Maikel Snijders** - Founder: AdUp | [maikel@adup.io](mailto:maikel@adup.io) | +31653966702
- **Ms. Sepideh Khodadadi** - Senior Developer: Medical Connections | [sepidehkhodadadi86@gmail.com](mailto:sepidehkhodadadi86@gmail.com) | +447517625141
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