

# Viraj Kaushalye

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## PROFESSIONAL SUMMARY

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Software developer with hands-on experience in coding, automation, and building scalable systems from scratch. Strong interest in exploring open-source codebases to understand system design and apply proven engineering patterns. Experienced in leveraging modern AI tools and emerging AI technologies to improve development workflows and productivity. Continuous learner with a focus on code quality, automation, and maintainable software.

## SKILLS

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**Languages:** Java, C#, Python, PHP, Javascript/TypeScript, Go, Rust

**Frontend:** Angular, React

**Backend:** Spring Boot, Node.js, Django

**Fullstack:** Nextjs

**DevOps & Cloud:** Docker, Kubernetes, AWS, Azure, Terraform, Github Actions, Jenkins

**Databases:** MySQL, Postgres, MongoDB, Redis, Elasticsearch, Kafka

## EXPERIENCE

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### Matific - Sri Lanka — Senior Software Engineer 2022 - 2026

- Worked on core feature development for an education domain platform, including UI migrations, performance improvements, report generation, and AWS (Lambda) microservices development.
- I also built a RAG-based AI agent to support customer support personnel in understanding backend code logic and helping them troubleshoot problems without going through developers.

### Codegen International — Senior Software Engineer 2020 - 2022

- I worked on building Angular standalone widgets for WordPress sites.
- Contributed to the company's core FE framework to improve usability & accessibility features.

### Codegen International — Software Engineer 2019 - 2020

- I worked on a Project Management Tool, contributing to features such as Jira and GitLab integration, building statistical views, and report generation.
- I was also involved in migrating a travel-domain Java Swing application to a full-featured Angular web application.

### Codegen International — Trainee Software Engineer 2019

- I worked on an Enterprise Social Network project, contributing to features such as leave and attendance, a chatbot, and reporting.
- Also bug fixes, and overall application improvements.

## PROJECTS

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### RAG based Knowledge based Assistant

Project I solely responsible at Matific

### A/L Physics Teacher Assistant + Class Scheduler

Project I built for my Wife, who is a teacher for Physics

### Personal Life Management System

v4k8.dev

**AR - based Indoor Navigation Guide**

University Project

**Travel Buddy, Haven Heart, System-Tray Note-Taking App**

Projects I made for friends

**E D U C A T I O N**

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**Bachelor of Science, Computer Science** — University of Sri

Jayewardenepura

Mathematics, Computer Science, Statistics

2015 - 2018

**D. S. Senanayake Collage**

G.C.E A/L - Mathematics, Physics, Chemistry

2006 - 2014