

Viraj Kaushalye

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PROFESSIONAL SUMMARY

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

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

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

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

Bachelor of Science, Computer Science — University of Sri

2015 - 2018

Jayewardenepura

Mathematics, Computer Science, Statistics

D. S. Senanayake Collage

2006 - 2014

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