



Eran Timothy Perera

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SKILLS

Languages	JavaScript · Java · Python · TypeScript · Lua
Software	AWS · Azure · Docker · Git · Linux · GitHub Actions
Frameworks	React · Next.js · Spring Boot · NestJS · FastAPI
Databases	PostgreSQL · MongoDB · MySQL · AWS DynamoDB · AWS S3 · Cloudflare R2
Interests	Full-Stack Development · DevOps · AI
Soft Skills	Public Speaking · Communication · Adaptive Learning · Leadership · Teamwork

EXPERIENCE

Rizing Consumer Industries

SUMMER INTERN

July 2025 – August 2025

- Gained exposure to SAP ERP fundamentals and explored applications across the fashion industry.
- Presented learnings and recommendations to mentors, receiving feedback on communication and adaptability.
- Collaborated with a cross-functional team with diverse backgrounds on a CSR project, engaging in fundraisers, enhancing planning, teamwork, and project execution skills.
- Engaged in professional development sessions, enhancing communication, adaptability, and industry awareness.
- Interacted with industry professionals and gained exposure to how other industries work, across IT, business, hospitality, and other sectors.

PROJECTS

CorpoVinculo (Ongoing) | corpovinculo.com

- Built a **multi-tenant** full-stack web app with a **hybrid monolithic/microservice** architecture for event organizers to manage industry outreach and sponsorships; contributed across **backend, frontend, AI, CI/CD, deployment, and system design**.
- Technologies: **NestJS, Next.js, FastAPI, PostgreSQL, Gemini, Cloudflare R2, Cloudflare Workers, TanStack Query, Redux**

Summer Internship Website

- Developed a full-stack web platform for the Rizing summer internship program, contributing to **backend** development, **CI/CD**, and **deployment**.
- Technologies: **Spring Boot, Cloudflare R2, Spring Cloud, Spring Security, AWS DynamoDB, Azure Container Registry, and Azure Container Apps**.

Lottery Management System

- Built a full-stack lottery management system for CPN & Sons Pvt Ltd to manage stocks and vendor distribution; contributed to both **backend** and **frontend** development.
- Technologies: **Spring Boot, Next.js, Supabase, Spring Security**

YouTube Video & Audio Downloader

- Built a Python application for downloading YouTube video and audio with flexible quality options using FFmpeg; developed REST APIs and WebSocket for handling asynchronous downloads.
- Technologies: **FastAPI, FFmpeg, yt-dlp, WebSockets**

EDUCATION

University of Westminster (IIT) – Bachelor's in Software Engineering

Ongoing

Informatics Institute of Technology – Foundation Certificate in Higher Education

Distinction

S. Thomas' College – Mount Lavinia – G.C.E Ordinary Level

Index No: 90405536

CERTIFICATIONS

Java & OOP Certification | [STEM Link](#)

- Worked with **Java** and OOP concepts such as **inheritance**, **abstraction**, **polymorphism**, and **encapsulation**, and applied them to real-world scenarios.
- Built a banking application using Core Java and OOP principles.

Docker Foundations Professional Certificate | [LinkedIn Learning](#)

- Docker Certification, accredited by Docker, Inc.
- Covered **Docker** use cases, its commands, and also how to use **Docker Compose**.

Azure AI Fundamentals Certificate (AI 900) | [Microsoft](#)

- Covered fundamental AI concepts related to **Generative AI** and **ML** development.
- Explored the AI services provided by **Azure for AI** model hosting and training on the cloud.

Atlassian Agile Project Management Professional Certification | [LinkedIn Learning](#)

- Learned the basics of **Agile** project management, **JIRA**, and how it works in development teams.
- Applied **Kanban** and **Scrum** frameworks to help manage work.

Python for Beginners | [University of Moratuwa](#)

- An introductory course to the **Python** programming language.

Web Design for Beginners | [University of Moratuwa](#)

- An introductory course in **Web Development** teaching programming languages such as **HTML**, **CSS**, and **JavaScript**.

ACTIVITIES / AWARDS

Best Team Pitch Award Pitch60

2026

Finalist PitchPerfect 2.0

2025

Secretary of the Radio Club

2021

Member of the ICT Society

Member of the Association of Science and Technology

BLOGS / ARTICLES

Managing Custom and Self-Signed SSL/TLS Certificates in MSYS2 UCRT64 | [Medium](#)

Design Patterns in Java | [Medium](#)

Prompt Compression and Query Optimization | [Notion](#)

Introduction to Agile | [Notion](#)

Software Testing in Java with JUnit | [Notion](#)