

GIHAN CHATHURANGA

Computer Engineer

OBJECTIVE

A dedicated **Master's student in Software Engineering at Mälardalen University, Sweden**, with a strong foundation in computer engineering and hands-on experience in developing observability systems, cloud-native solutions, and performance monitoring tools. I aim to leverage my expertise in technologies such as **C#, Python, Kubernetes, and OpenTelemetry** along with my passion for continuous learning and problem-solving, to contribute to innovative projects in a dynamic and collaborative environment. Seeking opportunities to apply technical knowledge and expand skills in software development, cloud infrastructure, and emerging technologies.

PERSONAL DETAILS

- Date of Birth 14.07.1995
- National ID 951961736V
- Gender Male
- Civil Status Married
- Nationality Sri Lankan
- Languages English | Sinhala

SKILLS

- Communication
- Teamwork
- Problem-Solving
- Adaptability
- Time Management
- Leadership
- Critical Thinking
- Conflict Resolution
- Attention to Detail
- Emotional Intelligence
- Creativity
- Interpersonal Skills
- Resilience
- Work Ethic
- Negotiation

INTERESTS

- Community Involvement
- Volunteering
- Acquiring New Skills

PHONE

+46769601480

EMAIL

Gihchathurhan@gmail.com

ADDRESS

ENKELSTUGUVÄGEN 11, Västerås.

WORK EXPERIENCE

Software Engineer

Creative Software, Colombo, Sri Lanka
2023 - 2025

- Developed observability systems for Norway's largest e-healthcare provider.
- Implemented log management, tracing, and performance monitoring solutions.
- Collaborated with cross-functional teams for system improvements.
- Ensured system reliability using Grafana, Prometheus, and Kubernetes.
- Integrated observability tools like FluentBit, Jaeger, and OpenTelemetry.
- Optimized database performance with PostgreSQL and OpenSearch.
- Enhanced monitoring capabilities with Splunk and OpenTelemetry integration.
- Conducted code reviews to ensure software quality and standards.
- Managed deployment pipelines and containerization using Kubernetes tools.

Technologies: C#, FluentBit/FluentD, OpenTelemetry, Grafana, Prometheus, Splunk, OpenSearch, Jaeger, Kubernetes, PostgreSQL.

Software Engineering Intern

Creative Software, Colombo, Sri Lanka
2022 - 2023

- Developed a notification system for healthcare software provider DIPS ASA.
- Integrated C#, Blazor, and RabbitMQ for efficient message handling.
- Assisted in database management using PLSQL and Azure tools.
- Worked on container orchestration using Kubernetes and Docker.
- Participated in team meetings to improve development processes.

Technologies: C#, Blazor, RabbitMQ, PLSQL, Azure, Kubernetes.

ACADEMIC QUALIFICATIONS

Master of Science (MSc), Software Engineering

Mälardalen University, Västerås, Sweden
Currently pursuing (2025 - 2027)

BSc (Hons) in Computer Engineering

University of Sri Jayawardenepura, Sri Lanka
Graduated: 2022 | GPA: 3.40

CERTIFICATIONS & MOOCSS

Machine Learning - Coursera, Stanford University (Oct 2019)
Credential ID: AVSBYH6RJ8EW

RESTful API with HTTP and JavaScript - Coursera Project Network (Aug 2020)
Credential ID: DRBG4WYMZB49

Programming for Everybody (Python) - Coursera, Stanford University (Oct 2019)
Credential ID: YW4N7H2LTA5X

Mastering Python Programming: Apply, Analyze, and Build - Coursera (Sep 2025)
Credential ID: FNFLW0GETH09

LINKEDIN

linkedin.com/in/gihanchathuranga

GITHUB

github.com/Gihchathur

TECHNOLOGY SKILLS

Programming Languages & Frameworks

C#, Blazor, React, Node.js, Spring Boot, Android

DevOps & Cloud

Docker, Kubernetes, Azure

Data Management

PLSQL, PostgreSQL, MongoDB

Observability & Monitoring

FluentBit/FluentD, OpenTelemetry, Grafana, Prometheus, Splunk, Jaeger

AI & Machine Learning

TensorFlow, Keras, OpenCV, Scikit-learn, Computer Vision, NLP, Data Mining

Other

RabbitMQ, Git, ML, OOP, Deep Learning

PROFESSIONAL ACHIEVEMENTS

National Best Quality Software Awards (2023)
for Abhises
Merit Award

IEEEExtreme 13.0
9th Place in Sri Lanka, 188th Worldwide (2019)

Google HashCode 2020
11th Place in Sri Lanka

LetMe Hack
Eco Hackathon Finalist - 6th Place (2020)

UOJ Coders Finalist Team
University of Jaffna, Sri Lanka (2019)

NOTABLE PROJECTS

Abhises - An intelligent AR tour guide utilizing markerless AR and human kinematics
Award: Merit Award, National Best Quality Software Awards (2023)

- Technologies: Markerless AR, Natural Language Processing (NLP), Computer Vision

Health Buddy - A mobile application designed for disease prediction

- Technologies: Flutter, WebSocket, Node.js, Firebase, Python

E-Sathkara - A relief management website developed to support relief efforts

- Technologies: HTML5, CSS, JavaScript, Firebase

PROFESSIONAL AFFILIATIONS

Institute of Electrical and Electronics Engineers (IEEE) (Since 2019)
Student Member

Institution of Engineers, Sri Lanka (IESL) (Since 2020)
Student Member

CO-CURRICULAR ACTIVITIES

Organizing Committee Marketing Manager
Google HashCode 2019

Organizing Committee Member
IEEEExtreme 13.0

Moderator
Code Squad v1.0 (2019)

Co-Founder
Japura Execute (2019), a bi-weekly online problem-solving hackathon

Participant
Disrupt Asia 2019, FoE Sathkara CSR Forums, University of Sri Jayewardenepura

REFERENCE

- SINDRE FISKAA**

Product Owner
DIPS ASA, Norway
Email: sfi@dips.no

- KAVINDA GAYASHAN**

Senior Technical Lead
TIQRI, One Galle Face Tower, Level 14
14, 1A Centre Road, Colombo 02
Phone: +94 77 303 6716
Email: kavinda@creativesoftware.com

I do hereby declare that all the information and facts furnished above are true, correct and complete to the best of my belief and knowledge.