

# 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 Jayewardenepura, 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

## NOTABLE PROJECTS

### LINKEDIN

[linkedin.com/in/gihanchathuranga](https://linkedin.com/in/gihanchathuranga)

### GITHUB

[github.com/Gihchathur](https://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)

## 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