GIHAN CHATHURANGA

Computer Engineer

OBJECTIVE

A dedicated and results-driven Software Engineer with a strong foundation in computer engineering and hands-on experience in developing observability systems, cloud-native solutions, and performance monitoring. I aim to leverage my expertise in technologies such as C#, Kubernetes, and OpenTelemetry, as well as my passion for learning and problem-solving, to contribute to innovative projects in a dynamic and collaborative environment. Seeking opportunities to drive technical excellence while continuously expanding my knowledge and 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
Lägenhetsnummer: 1001

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

BSc (Hons) in Computer Engineering
University of Sri Jayewardenepura, Sri Lanka
Graduated: 2022 | GPA: 3.40

General Certificate of Education Advanced Level Examination, Sri Lanka (2016)
Rajapaksha Central College, Weeraketiya, Sri Lanka

- Combined Mathematics   A
- Chemistry   A
- Physics   B

PROFESSIONAL AFFILIATIONS

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

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

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

IEEEXtreme 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)

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

Java (Basic) Certificate - HackerRank (Sep 2020)
Credential ID: 6a6887729c1c

Python (Basic) Certificate - HackerRank (Jun 2020)
Credential ID: 99dd2d895355

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

CO-CURRICULAR ACTIVITIES

Organizing Committee Marketing Manager
Google HashCode 2019

Organizing Committee Member
IEEEXtreme 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
Creative Software, Colombo, Sri Lanka
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.