



ISURIE LIYANAGE

SOFTWARE ENGINEER

PERSONAL PROFILE

An enthusiastic, self-motivated and ambitious individual with proven learnability skills in the field of software engineering. A hard-working and capable team player who is keen to adapt to new technologies and challenging environments. I am eager to be challenged in order to grow and further improve my IT skills. My greatest passion in life is using my technical know-how to benefit people and organizations.

CONTACT INFORMATION

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🌐 www.linkedin.com/in/isurie-kanchana

📄 www.stackoverflow.com/users/9470880/isurie

🐙 www.github.com/Isurie

🌐 <https://isurie.github.io>

📖 <https://isuriekanchana.medium.com>

🏠 www.hackerrank.com/Isuriekanchana

🛡 www.sololearn.com/Profile/6172942/?ref=app

PROFESSIONAL SKILLS

💻 Programming languages:

Java, C, Python

🌐 Web Development:

Angular, Spring Boot, Rest API, Spring MVC, JavaScript, Bootstrap, Ajax, Hibernate, JSP, Servlet, HTML, CSS

🗄 Databases:

MYSQL, Firebase

🔧 Version Control Systems:

Git

EDUCATION

2017 – 2021

UNIVERSITY OF MORATUWA – FACULTY OF INFORMATION TECHNOLOGY

B.Sc. (Hons.) Degree in Information Technology (Expected - 2021)

2012 – 2015

SANGHAMITTA GIRLS' COLLEGE GALLE

G.C.E Advanced Level – Physical Science Stream

Results: Combined Mathematics - B, Physics - B, Chemistry - B

2001 – 2011

ANULADEVI GIRLS' COLLEGE GALLE

G.C.E Ordinary Level

Results: 7A s & 2B s

WORK EXPERIENCE

2019-08 –

TRAINEE SOFTWARE ENGINEER

2020-02

ASPITIO (PVT.) LTD

- Completed 6 months internship as a trainee software engineer.
- Projects:** Akura school ERP software system which is a cloud-based, comprehensive School Management System.
- Contributed to designing, implementing, testing, and documentation of Finance Module.
- Technologies used:** Java (Spring MVC/ Hibernate/ JSP/ Servlet), Angular, MYSQL, Apache Tomcat

PROJECTS

2020-03 –

SINHALESE LANGUAGE BASED HATE SPEECH DETECTION AND INTENT ANALYSIS ON TWEETS

2021-06

B.Sc. Level 4 Research project | Group Project

- Researched developing a tool to detect Sinhalese language-based hate speech and analyze the intention of tweets.
- Semantic analysis and data mining techniques used in addressing the problem.
- Technologies used:** Python, NLTK, Pandas, NumPy, Scikit-learn, PyCharm.

2019-08 –

AKURA SCHOOL MANAGEMENT SYSTEM | FINANCE MODULE

2020-02

B.Sc. Level 3 Internship Project

- Contributed to Akura finance module which is an EE Feature of Akura School Management System.
- Technologies used:** Java (Spring MVC/ Hibernate/ JSP/ Servlet), Angular, MYSQL

IDEs:

IntelliJ IDEA, NetBeans IDE, Eclipse, Visual Studio, Visual Studio Code, PyCharm

Other Technologies:

Trello, Test NG, MySQL Workbench, Weka, Protégé, NLTK, Pandas, NumPy, Scikit-learn, Blender, OpenCV, SPARQL

Related Course Work:

- Software Quality assurance
- Enterprise Application Development
- Natural Language Processing
- Digital Image Processing
- Data Mining & Data Warehousing
- Semantic Web & Ontological Modeling

PERSONAL SKILLS

- Good Team player
- Well adaptable
- Quick learning ability
- Problem solving
- Creativity
- Technical writing

INTERESTS

Programming, Drawing, volunteering, Music, Movies/TV series, Travelling.

NON-RELATED REFEREES

Dr. Lochandaka Ranathunga

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PROJECTS

2018-03 –
2019-01

MEMBERSHIP MANAGEMENT SYSTEM

B.Sc. Level 2 Software Project | Group Project |
Mentored by 99X Technologies.

- An industry-based project developed as a web-based online system to manage the activities and events in member organizations.
- **Technologies used:** Angular6, Spring Boot, MYSQL Database.

2017-03 –
2018-02

WATER QUALITY MEASURING DEVICE

B.Sc. Level 1 Hardware Project | Group Project

- Micro controller-based project which can be used as a solution in assessing the quality of water.
- Developed a device to measure the values of pH, turbidity, dissolved oxygen, and TDS of the water using relevant sensors.
- **Technologies used:** Microcontroller technology (Atmega 32) and sensors. Used Programming language: C

2015-09

UNIVERSITY MANAGEMENT SYSTEM

Java Projects | Individual Projects

- Projects are done under completion of the Java course I followed. These are general java applications with interactive GUIs.
- University Management System: [www.github.com/lsurie/abcUni](https://github.com/lsurie/abcUni)
- Related project: - Employee Management system: [www.github.com/lsurie/EmployeeManagementSystem](https://github.com/lsurie/EmployeeManagementSystem)
- **Technologies used:** NetBeans IDE, Java SE, MySQL

RESEARCH AND PUBLICATIONS

2020/21

Review of Sinhalese Language Based Short Text Classification to Improve Information Filtering - Ongoing

2019

Review of Facial Image Processing for Sleepiness Estimation by using Video Processing – [Preprint](#)
B.Sc. Level 3 Independence study

ACTIVITIES & ACHIEVEMENTS

- Completed Scrum Foundations Professional Certificate (SFPC)
- Completed Cyber Security Foundation Certificate (CSFPC)
- Participated in MoraXtream3.0 (coding competition) -2018 (Team Pen pals)
- Participated in HackMoralV1.0 –Inter University coding competition.
- Participated in CODE RUSH 2018 – Intra faculty coding competition (Team Hack Elite)
- Participated in CODE RUSH 2020 – Intra faculty coding competition (Team Hack Elite)

OTHER EXPERIENCES

- Member of Social Media Analytics Research Group (2020 – present)
- Company coordinator in 'Are You Ready? 2018', the official career fair of University of Moratuwa.
- Followed 6 months Java Programming Course (OCJP) at 'Dakma' Institute, Matara. - 2015 Sep
- Technical writer -Medium
- Participated in Microsoft AI Classroom series 2020
- Completed certification courses in Coursera: www.coursera.org/user/0a6cb030a04a6f031258471333293fc0