

Sathsara Jayasundara

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[Personal Portfolio](#) | [LinkedIn](#) | [Github](#) | [Blog](#)

EDUCATION

National Institute of Business Management • Aug 2023 – Present

BSc (Hons) Computing

St. Anthony's College, Kandy • Jan 2009 – 2023

- President - Antonian Computer Fraternity • Oct 2020 – Sep 2021
- Secretary - Antonian Media Unit • Jan 2021 – Dec 2021
- Photographer - Interact Club • Jun 2021 – Jun 2022
- Media Coordinator – Antonian Exploration Club • Oct 2021 – Oct 2022
- Media Coordinator – Antonian Music Troop • Aug 2021 – Aug 2022

CERTIFICATIONS

National Institute of Business Management

Certificate in Software Engineering (Batch Top) Jan 2020 – Aug 2020

[Software Design Technique, Database Design, Object-Oriented Programming, Project Management]

freeCodeCamp.org

Responsive Web Design • Nov 2020

[Basic HTML/CSS, Applied Visual Design, Responsive Web Design Principles]

Cisco Networking Academy

NDG Linux Unhatched • Oct 2021

NDG Linux Essentials • Aug 2023

[Linux File System, Linux Commands, Bash Scripting & Automation, Networking Concepts, Troubleshooting & System Maintenance]

Postman Academy

Postman API Fundamentals Student Expert • Feb 2023

[Anatomy of an API, API Testing & Automation, API Security, API Monitoring & Analytics]

Harvard OpenCourseWare & edx.org

Harvard CS50AI • Due

[Search Algorithms, Uncertainty, Algorithms Optimization, Learning Methods, Neural Networks, Neural Language Processing]

ACHIEVEMENTS

AnalytiQ - 1st Place • Dec 2022

NINNADA - 1st Place • 2020

Young Computer Scientist [APICTA Selection] - Merit Award • 2021

PHILOSOPHIA - 3rd Place • Sep 2021

SLIIT Codefest - Merit Award • Feb 2022

IDEALIZE - Finalist • 2022

TECHNICAL SKILLS

Programming Languages: C#, Python, JavaScript, Dart, Java, TypeScript

Frameworks: [Dot]NET, Flutter, Jekyll, NodeJs, Spring /Springboot

Database: Firebase, MongoDB, MySQL, PostgreSQL, SQLite

Cloud Services: Microsoft Azure, GCP, Vultr, Linode

DevOps: Git

Other: Linux

PROJECTS

Sustainable Education Foundation *Jan 2023 – Present*

[TS, NodeJs, Postgres, TypeORM, JWT, PassportJs]

- **scholarx-backend:**
 - Building a new platform to manage ScholarX mentoring program.

Live Score System • 2023 [\[V2\]Github](#)

[C#, ASP.NET, SSE, JWT, MongoDB, CasperCG, Loopic]

- Implementing a live cricket scoring system.

Personal Healthcare Application (CareX) 2022 – Present

[Dart, Flutter, Firebase, Google APIs, JWT, ML .Net, C#, ASP.NET]

- **CareX:** [GitHub](#) [Google Play](#)
 - Implement a new all-in-one healthcare mobile application to track steps, calories and contact nearby hospitals and channeling centers.
- **Symptom Analyzer:** [Google Play](#)
 - Implement a new ML model to analyze disease based on symptoms for the CareX.
- **CareX API:** [GitHub](#)
 - Implement API to host and manage Symptom Analyzer and other requirements of CareX.

SACK-SITE & SACK-BLOG • 2020 – 2022

- **SACK-SITE:** [GitHub](#) [Website](#)
 - Revamp website with Jekyll
 - Implement new UI and Improve website by adding new functionalities.*[HTML, JS, CSS, Jekyll]*
- **SACK-BLOG:** [GitHub](#)
 - Implement new blog using jekyll and new UI kit.*[HTML, JS, CSS, Jekyll]*

Parental Control Application (Le-Sa) • 2021 – Present
[C#, .Net, Windows Security & Registry, Firebase]

- **Le-Sa:** [GitHub](#)
 - Implement a parental control desktop application for Windows that can block web browser access limits, Manipulate DNS IP in computer, Track browser history and more.
- **Le-Sa Installer:** [GitHub](#)
 - Implement a custom installer for the Le-Sa
- **Keylogger:** [GitHub](#)
 - Implement keylogger for the Le-Sa.
- **NSFW Detector:**
 - Implement ML model to detect NSFW content for the Le-Sa.

Elementary OS Blog Template • 2021 [GitHub](#)
[HTML, JS, CSS, Jekyll]

- Improve UI.

EXPERIENCE

R&D Engineer at Anka Technologies • Dec 2023 – Present

Software Engineer - Intern at Anka Technologies • Jun 2023 – Dec 2023

Associate Software Engineer – Sustainable Education Foundation • Feb 2023 – Present

- Building a new platform to manage [ScholarX](#) project.

Mobile Developer - Intern at Serendib Global • Jun 2023 – Sep 2023

- Built [Mocco](#) cross-platform, multilingual mobile news application.

Implementer at Datamation Systems (Pvt) Limited • Mar 2023 - Apr 2023

- Implement an ERP system (NewsPage by accenture) for the LIPTON Teas and Infusions.

ADDITIONAL SKILLS

Languages: English (Proficient), Sinhala (Native)

Soft Skills: Work under stress, Fast Learning, Curious, Time Management

Other Skills: Hardware Tinkering [Micro-Controllers & Dev. Boards], Basketball, Table Tennis, Photography, Videography, Video Editing