Sathsara Jayasundara

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LinkedIn | Github | Blog

EDUCATION

St. Anthony's College, Kandy

Mathematics and Computer Science • 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 • *Due*
[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
Frameworks: [Dot**]**NET, Flutter, Jekyll, NodeJs
Database: Firebase, MongoDB, MySQL, SQLite
Cloud Services: Microsoft Azure, GCP, Vultr, Linode
DevOps: Git
Other: Linux

PROJECTS

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

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

Elementary OS Blog Template • *2021* [GitHub](#)
[HTML, JS, CSS, Jekyll]
- Improve UI.

Live Score System • *2023* [GitHub](#)
[C#, ASP.NET, SSE, JWT, MongoDB, CasperCG, Loopic]
- Implementing a live cricket scoring system.

EXPERIENCE

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: Basketball, Table Tennis, Photography, Videography, Video Editing