



Buddhika Chathuranga

I am a student software developer with the ability to adapt to any technology stack. Good at work under pressure and excited to learn new technologies. Likes to deliver on time and agile in any condition. Open-minded and loves to contribute open-source.

Reach Me



13 / 6B, Pubudugama,
Kospalawinna Rd,
Ratnapura.



071 - 176 53 56



vmbcksc456@gmail.com



buddhikac96.github.io



buddhikac96 (LinkedIn)



buddhikac96 (GitHub)



buddhikac96 (Stackoverflow)



runtimeerror (Medium)



hackerbuddy96 (Twitter)

Professional Skills

- **Programming Languages**
Java, C#, Python, JavaScript, Elixir
- **Frameworks**
Antlr4, DotNet, Angular
- **DataBase**
MySQL, SQL, MongoDB
- **Version Controlling**
Git, GitHub, BitBucket, GitHub Desktop, GitKraken
- **Other Skills**
Design Patterns, Project Planning, JIRA
- **Non-technical skills**
Leadership, Public Speaking, Team Player

Publications and Certifications

- AWS Certified Cloud Practitioner (Udemy)
- Google Cloud Platform Fundamentals (Coursera)
- Presented in DevOps World Conf 2020
- Java Application Performance and Memory Management Course (Ongoing) - (Udemy)
- Review of Introductory programming languages for novice learners (Research - Ongoing)

Education

- **University of Moratuwa**
Faculty of Information Technology | 2016 - 2021
 - SGPA - 3.28 (6th semester)
- **Sivali Central College**
A/L - Common Stream (Mathematics, Physics, ICT)
 - A A B (Mathematics - B) | Z-Score - 2.37
 - Island 1st - Common Stream (2015)

Work Experience

- **Student Developer | Google Summer of Code 2020**
Jenkins Project | Windows Service Wrapper
 - Windows service wrapper Yaml configuration support
 - XML Schema validation
 - Tools : C#, DotNet, Visual Studio, GitHub
- **Software Engineer | Intern**
Eyepax IT Consulting (Pvt.) Ltd.
 - Internal tools development - Unit testing tool
 - Code refactoring, API Development, Project Planning - Car Rental System
 - Tools : C#, DotNet, Angular, Visual Studio, BitBucket
 - Conducted knowledge sharing session series (Asynchronous programming)
 - Other activities : DS meetings, Futsal games, Pool competition
- **Founder | Lecturer**
Vicerant Institute
 - Industry awareness sessions
 - Java course

Projects

- **Windows Service Wrapper (WinSW)**
Google Summer of Code 2020
Windows service wrapper is a tool that allows running Jenkins as a service in the Windows machine. WinSW was configured by an XML file. I updated WinSW to be configured by the YAML configuration file under GSoC2020.
 - Project : <https://github.com/winsw/winsw>
 - Blog: WinSW - YAML Config Support
 - Technologies: C#, DotNet, Visual Studio, GitHub
- **Simply - Research Project (Ongoing)**
Simple extensible programming language for kids
Simply is a web-oriented programming language that is being developed for kids to learn to program easily. Simply consists of a programming language, runtime visualizer, and a web based coding/learning platform. I am developing the source to source compiler.
 - Project : <https://github.com/OdinsVault>
 - Technologies: Java, Antlr4, SpringBoot, React
- **Calang**
Simple calculator based PL
Calang is a simple programming language that compiles into Java. Calang is an educational project that I developed to learn compiler theory.
 - Project : <https://github.com/buddhikac96/calang>
 - Technologies: Java, Antlr4

Achievements

- **1st Place - Tech Coders v1.0 (2018)**
Competitive programming competition organized by tech seekers community for university students.
- **2nd Place - Mora Xtream coding competition**
Competitive programming competition organized by IEEE society of University of Moratuwa
- **2nd Place - Coderush 2k17 (2017)**
Competitive programming competition organized by faculty of IT of University of Moratuwa
- **Silver Medal - Hour Rank 26**
1 hour rapid competitive programming competition by Hackerrank.com
- **Bronze Medal - Week of Code 30**
1 week long competitive programming competition by Hackerrank.com
- **Bronze Medal - Week of Code 34**
- **Bronze Medal - Week of Code 36**
- **Finalist - RealHack 1.0**
Hackathon competition organized by university of Kelaniya
- **Finalist - Hackstat 2.0**
Datathon organized by the Stat Circle of the University of Colombo
- **Finalist - HackDev 2020 (Ongoing)**
National youth innovation challenge
- **1st Place - Orchestra (2013)**
All island school music competition
- **1st Place - Choir (2013)**
All island school music competition
- **3rd Place - Orchestra (2012)**
All island school music competition
- **1st Place - School Chess Championship (Under 11)**
- **1st Place - Open Chess Championship (Kalutara Chess Club) (Under 13)**
- **Board Price - School Chess Championship (1st Board)**
- **3rd Place - School Badminton Championship (Sabaragamuwa Province)**

Interests

- Open source contributing
- Blogging
- Sports : Cricket, Badminton, Chess
- Workingout
- Volunteering

Projects

- **loki**
Source code localizer for programming languages
loki is a tool that allows users to write programs in their native language. It allows us to localize source codes. This project is a part of Simply programming language, which allows students to learn basic programming concepts in their native language by using simple syntax style.
 - Project : <https://github.com/odinsvault/loki>
 - Technologies: Java, YAML
- **goodyaml**
Schema validating tool for YAML
goodyaml is a command-line tool that facilitates validating YAML schema. Users can use JSON schema to validate YAML schema.
 - Project : <https://github.com/buddhikac96/goodyaml>
 - Technologies: C#, DotNet, YamlDotNet
- **Quality Room**
IoT based room environment control system
QualityRoom is an IoT-based room environment quality control system that measures temperature, humidity, sound intensity, and air quality. It sends a message to the user if some parameter exceeds the pre-defined threshold value. The real-time values of the sensors are displayed in a dashboard.
 - Project : <https://github.com/buddhikac96/QualityRoom>
 - Technologies: Atmega32, C++, RabbitMQ, NodeJS, Grafana
- **Find Your Tutor**
Web application
Find Your Tutor is a platform that facilitates the interaction between students and private tutors. This enables the students to find private tutors according to their educational requirements and the tutors to find tuition opportunities nearby. I contributed in front-end development and system testing.
 - Project : <https://github.com/buddhikac96/findthetutor>
 - Technologies: Angular, TypeScript, NodeJS, MySQL

Other Experiences

- **Member - INTECS, Faculty of IT, University of Moratuwa**
Batch representative of the INTECS (Level 1, Level 2)
- **Company Coordinator - Are You Ready (2018)**
- **Industry Awareness Sessions**
Sivali Central College, Ferguson High School, Mihindu Vidyalaya
Organized by Vicerant
- **Industry Awareness Sessions**
Senarath Paranawithaana National School
Organized by INTECS
- **Member - School Western Band**
- **President - School Science Club**
- **Sport activities (School) - Chess, Boxing, Badminton, Gymnastic, Cricket, Futsal**

Non-related referees

Dr. Supunmali Ahangama

Director/Undergraduate Studies,
Department of Information Technology,
Fac of IT. University of Moratuwa,
Katubedda, Moratuwa. Sri Lanka.
Mobile: +94 71 486 66 52
Email: supunmali@uom.lk

Mr. Kasun Dissanayake

Tech lead,
Eyepax IT Consulting (Pvt.) Ltd.
Colombo 03.
Mobile: +94 71 153 8675
Email: kasun.d@eyepax.com