



ABOUT ME

I am a passionate, self-driven individual with interests in Software Development and Designing. I'm very adapt at working in high pressure environments and within teams due to my engagements in extra curricular activities through my academic career.

CONTACT INFO

+94 715985616

vikumwijekoon97@gmail.com
vikum.wijekoon@aiesec.net

Piliyandala

[/vikum-wijekoon](#)

[/Vizorous](#)

TOOLS & TECHNOLOGIES

Libraries & Frameworks

- React, Redux, Flutter, Razor, Apollo, Paper.js, React-Bootstrap, Ant Design, Semantic UI, Angular.
- Node.js, Express, Next.js, Nest.js, ASP.NET Core, MVC, Nest Query.
- Firebase, Google Cloud Functions, NGINX, Apache, AWS, Azure.
- TensorFlow, CUDA, MediaPipe.
- Postgres, Mongo DB, MS SQL Server, MySQL, Firestore, Yup.js.
- Vendure, XUnit, tSQLt, ffmpeg.

Tools

- Visual Studio Code, NeoVim, Jira, Postman, Altair, Git, Sentry.

Languages

- Javascript, Typescript, C#, Python, GraphQL, Java, C++, C, SQL, tSQL, Bash, Lua, HTML5, CSS3.

VIKUM WIJEKoon

SOFTWARE ENGINEER EDUCATION

B.Sc. (Honours) in Computer Science (2nd Upper Class)

University of Sri Jayewardenepura (2018-2022)

- GPA - 3.49 (Overall), 3.78 (Computer Science)

GCE Advanced Level in Mathematics Stream

Royal College (1A, 2Bs)

EXPERIENCE

Head of Technology (2022 - 2023)

- SeamlessC Pvt Ltd.

Vice President - Brand, Marketing & Engage with AIESEC Events

- AIESEC in Australia for the term 2023/24.

Vice President - Information Management (2022/23)

- AIESEC in Sri Lanka. Development of Software and IT Maintenance.

Trainee Software Engineer

- 99x Technologies (2022)

PROJECTS

Sparke Ecommerce Website (2023)

- Lead the development of Sparke Clothing E-commerce Website, with multi vendor support, admin & loyalty system.
- Technologies :- ASP .NET Core, MVC, Razor, Vue, C#, Mongo.

Crepe Runner App (2023) ([Link](#))

- Lead the development of Crepe Runner Mobile App, with an admin dashboard, payment processing & a loyalty system.
- Technologies :- Flutter, Nest.JS, Postgres, Vendure.

Lyber Delivery Stock Tracker (2023)

- Lead the development of the Lyber delivery tracking system, with admin dashboards, gatepass scanning & stock keeping.
- Technologies :- React, Nest.JS, Postgres, Nest Query.

Sigma Connective Production Line tracker (2023)

- Lead the development of the Sigma production tracking system with a flutter TV App, admin, multi user & role support, product line tracking & performance dashboards.
- Technologies :- Flutter, React, Nest.JS, Postgres, Nest Query.

Visolit Notification Center (2022) (99x)

- Worked on a Notification Management System that provides near real time updates using SMS and Email.
- Technologies :- Angular, ASP.NET Core, SQL Server, XUnit

Inqube Knitting Downtime Tracker(2021)

- Inqube Apparel App development using Flutter to monitor the downtime times of knitting machines, App featured data tables, CRUD operations with input validation.
- Technologies :- Flutter, Provider API, Material UI, Node.js, Express, Yup.js, Microsoft SQL Server

CCBM Payment Gateway(2021) [Link](#)

- Developed an online payment gateway and an admin interface for Cambridge College using Cyber Source APIs.
- Technologies :- React, Cybersource, Ant Design, Yup.js, Node.js, Express, Mongo DB, Google cloud load balancing

Concepts

- Functional Programming, Objected Oriented Programming, MVC Architecture, Serverless Architecture, Data Structures & Algorithms, State machines, Transactions.

Design Tools

- Adobe XD, Figma, Axure RP 9, Canva.
- Adobe Illustrator, Adobe Photoshop.
- Adobe After Effects, Adobe Premiere Pro, Magix Vegas Pro.

GPU Based Softbody Physics Simulation(2021)

- Developed a 3 dimensional softbody physics simulation that uses CUDA Accelerated GPUs to process the physics.
- Technologies :- C++, Python, CUDA API,**

CCBM Exam Engine(2021) [Link](#)

- Developed an online exam platform for Cambridge College with timed exams, serverless admin & automated emails.
- **Technologies :- React, Ant Design, Google Cloud Functions, Firebase Firestore, Node.js, Express, NodeMailer, Yup.js.**

AIESEC Opportunity Viewer (2020) [Link](#)

- Developed a platform to browse AIESEC Volunteering and Internship Opportunities offered by AIESEC.
- **Technologies :- React, Apollo, GraphQL, Bootstrap, Firebase**

Image Generation Tools (2020)

- Developed a design tool using React that can generate posters, with added tools such as text, rectangle and eraser.
- Tool 1 [Codebase](#) , [Tool](#), Tool 2 [Codebase](#), [Tool](#)
- **Technologies :- React, Bootstrap, Canvas, Paper.js, Firebase**

Non-downloadable Video Player/Server (2020)

- Developed a nearly non-downloadable Video Player and a Node.js video processing server for Sipwin Institute.
- **Technologies:- Node.js, Express, ffmpeg, incron, NGINX,MPEG-DASH, Google Cloud, Cloudflare DNS**

EXTRA - CURRICULAR ACTIVITIES

President (2021/22)

- AIESEC in University of Sri Jayewardenepura. AIESEC in USJ won the award for Best Entity in Asia Pacific Region at International Congress Awards 2021, Most Outstanding entity awards at National Awards 2021 & Gala Night 2022.

Frontend Web Developer (2020/21)

- AIESEC International - Global Inhouse Development Team

Vice President - Digital Experience & Marketing (2020/21)

- AIESEC in University of Sri Jayewardenepura. Won the award for Excellence in Marketing award in National AIESEC awards night for the term.

Event Manager - YouCon 2.0 International Conference (2020)

- YouCon 2.0 was an International Virtual Conference on Youtubing and Content Creation with a delegation from more than 40 countries as well as 50+ Local and International Youtubers participating as speakers. Organized by AIESEC in USJ.

Senior Prefect (2016/17)

- Prefects' Council of Royal College 2016-2017

Head of Design and Conference (2018)

- Aurora, Conference on Computer Science organized by Society of Computer Science. (2018)

Captain of Chess (2015)

- Royal College Chess Club. (2015)

DECLARATION

I hereby certify that the information mentioned above are accurate and true to the best of my knowledge.

10th of September 2024



REFEREES

Dr Ravindra De Silva

Senior Lecturer,
Department of Computer Science,
University of Sri Jayewardenepura.
0777 46 4000
ravi@sjp.ac.lk

Mr D D A Gamini

Senior Lecturer,
Department of Computer Science,
University of Sri Jayewardenepura.
011 22 758 913
gamini@dcsc.sjp.ac.lk