



## Charuka Krishantha

### Software Engineer

Experienced software engineer with a Bachelor's in Information Technology from SLIIT, recognized for my roles as a Software Engineer at Hayleys Advantis Limited and an Associate Software Engineer at Virtusa. I've also completed a productive internship at Enuri Information System, and I am currently working as a MERN stack Software Engineer at Nova Solution.

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## Experience

### June 2024 – present

#### Full Stack Developer – MERN NOVA Solution (Pvt) Ltd, Colombo

#### 01. VENDERX POS SYSTEM

Created a specialized POS system for restaurants, optimizing order management, inventory tracking, table management, payments, and reporting.

##### Responsibilities:

- Contribute for developed and maintain an admin panel and user-facing web application optimized for tablet view.
- Contribute from Developed and maintain a unified backend server, structured using our proprietary boilerplate for both admin and web applications.

##### Technologies:

- Tech stack includes Node.js, Express.js, React.js, Redux Toolkit, Tailwind CSS, Material UI, MongoDB, and AWS services like Elastic Beanstalk, CodeBuild, CodePipeline, CloudWatch, Route 53, S3 Bucket, Load Balancer

#### 02. AMAZON, ALIBABA, AND EBAY WEB SCRAPERS FOR PLATFORM-PROFIT

PLATFORM-PROFTR simplifies product research for drop shippers by consolidating Alibaba, Amazon, and eBay data into one platform

##### Responsibilities:

- I independently developed and maintain all three web scrapers from inception to completion.
- Scrapped all product details based on specific categories, navigating page by page with pagination.
- Improved scraper performance by using Multithreading and preventing bot detection through rotating user-agents and setup sleep-time for each request.
- Saved all scraped product details in MongoDB after each category was successfully scraped.
- Run all three scrappers automatically at midnight by using apscheduler

##### Technologies:

- Python 3.12, BeautifulSoup4, Requests 2.3, Selenium, Flask and Packages (Pymongo, random, apscheduler, threading, ThreadPoolExecutor) and AWS services like Elastic Beanstalk, CodeBuild, CodePipeline, CloudWatch, Route 53, Reverse Proxy(Nginx) S3 Bucket, Load Balancer

### Dec 2023 – June 2024

#### Full Stack Developer - MERN Freelance Projects

#### 01. SUPERSCONTO

Supersconto web application designed to offer detailed information on discounted products within the city of Milan in Italy.

##### Responsibilities:

- Developed and maintain both an admin panel and a user-facing web application, both admin and web app powered by a single backend server.

##### Technologies:

- Tech stack includes Node.js, Express.js, React.js, Next.js, Redux Toolkit, Material UI, MongoDB, and AWS S3 for storage, and AWS EC2 for hosting with PM2 server and SSL certification.

##### Live URL

- Web-app: [www.supersconto24.com](http://www.supersconto24.com)
- Admin-panel: [www.dashboard.supersconto24.com](http://www.dashboard.supersconto24.com)

#### 02. BLOONSOO

Bloonsoo expanded into flights, villas, and day outings, with an admin panel for super and hotel admins, integrating user authentication, Google Maps, and payments.

##### Responsibilities:

- Developed and maintain both an admin panel and a user-facing web application, both admin and web app powered by a single backend server.

##### Technologies:

- Tech stack includes Node.js, Express.js, React.js, Next.js, Redux Toolkit, Material UI, MongoDB, and AWS S3 for storage, and AWS EC2 for hosting with PM2 server and SSL certification.

### April 2023 – June 2024

#### Software Engineer Hayleys Advanties Limited, Colombo

#### 01. INLAND CONTAINER DEPO

##### Responsibilities:

- Developed and maintained an application for Logistic International Limited, supporting container depot operations at Welisara and Sedawatta.
- Conducted production releases, debugged issues, providing 24/7 support for both live systems.

##### Technologies:

- Used Angular.js, ASP.NET 4.2, NativeScript, WCF services, SQL, and development tools such as Visual Studio, Visual Studio Code, MySQL Server Management Studio, and GitHub.

### March 2022 - April 2023

#### Associate Software Engineer Virtusa (Pvt) Ltd Colombo

#### 01. ENTERPRISE DIGITAL BOT

##### Responsibilities:

- Developed and maintained Lisa, Virtusa's internal support bot, streamlining issue resolution across HR, IT, Finance, and technical domains,
- Contributing as a ServiceNow and backend developer.

##### Technologies:

- ASP.NET core, Azure function, Azure DevOps, ServiceNow platform

### July 2021 - March 2022

#### Full Stack Developer Intern Enuri Information System (Pvt) Ltd, Colombo

#### 01. TECHJOBZ.CO

TechJobz.co is an innovative research project designed for IT job seekers.

##### Responsibilities:

- As a full-stack developer, I contributed to creating a feature-rich platform similar to LinkedIn, Top Jobs, and Stack Overflow, focusing on user-friendly job search capabilities.

##### Technologies:

- React.js, Node.js, Express.js, Next.js, MongoDB, SendGrid API, Meterial UI,JWT, PayHere payment gateway, SendGrid API, Github.

Live URL: web-app: [www.pathintech.com](http://www.pathintech.com)

## Education

Jun 2018 - Dec 2022

BSc (Hons) Degree in Information Technology

Sri Lanka Institute Of Information Technology, Kandy Road, Malabe

Jan 2014 - Aug 2016

Advance Level Examination

T/Abayapura Maha Vidyalaya, Trincomalee

Engineering Technology Stream

## Skills

Typescript (TS), JavaScript (JS), React.js, Node.js, Python, Next.js, Express.js, C#, ASP.Net

Core< Angular.js

Unit Test, Jest, ES10

MongoDB, MySQL

Cloud Services: AWS, Azure, Render, Vercel,

Cit, Agile, Jira, Swagger, Postman, JWT, REST, JSON

## References

1. Lalindu Peris: Lead Consultant Technology at Virtusa, Phone:+94775417372, Email: [Lpeirisvirtusa.com](mailto:Lpeirisvirtusa.com)

2. Roshan Panditha: Associate Tech Lead at 99x, Phone: +94 715152202

3. Pathum Kalham: Associate Technical Lead EFutures Private Limited, Phone: +94 71 756 5094, Email: [pathumsimpsongmail.com](mailto:pathumsimpsongmail.com)