



JAYANI KOTHALAWALA

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Professional Summary

I am an undergraduate student at JAMK University of Applied Sciences, pursuing a Bachelor of Engineering in Information and Communication Technology. I also hold a Bachelor of Science in Biological Sciences from the University of Sri Jayewardenepura, Sri Lanka. I am a dynamic and motivated individual who thrives in challenging environments, committed to contributing to an organization's growth through my knowledge, attitude, and skills. I have hands-on experience working as a Data Network Assistant, where I supported network infrastructure, testing, and troubleshooting tasks. In addition, I have programming experience in various languages and tools, further enhancing my ability to solve complex technical problems. My unique academic background combines engineering and technology with molecular biology, genetics, ecology, biostatistics, and bioinformatics, equipping me with a multidisciplinary perspective. With this diverse expertise, I am confident in my ability to contribute meaningfully to your team and help drive organizational success.

Skills

- DHCP/DNS Configuration
- Protocol Analysis (Wireshark)
- Network Hardware Support
- DHCP, TCP/IP protocols
- Documentation & Reporting
- Python
- React.js, Node.js, MongoDB
- Basic shell scripting and automation
- OOD - .NET/C#
- MS.Office Package
- SQL
- Figma
- Biology and chemistry (BioInformatics, BioStatistics)

Professional Experience

Full Stack Developer - Internship

September 2025 - Present

Katch | Helsinki, Finland

- Identify, analyze, and fix bugs in web or mobile applications.
- Debug front-end and back-end issues to improve application performance and stability.
- Assist in resolving UI/UX issues and functional errors reported by users and QA teams.
- Write clean, maintainable code while following best practices.
- Design and implement user interface components based on design guidelines or mockups.
- Improve existing UI elements to enhance usability and responsiveness.
- Ensure cross-browser and cross-device compatibility.

- Support development and maintenance of server-side logic and APIs.
- Help optimize application performance and security.
- Implement new features based on project requirements.
- Write and run basic unit and integration tests.
- Ensure fixes and new features meet functional requirements.
- Collaborated with the development team using version control tools.

React.js, SCSS, Firebase, GitHub, CI/CD Integration

Data Network Assistant

May 2024 - October 2025

JAMK University of Applied Sciences | Jyväskyla, Finland

- Testing configurations of the network.
- Maintain user access permissions and support VPN and firewall configurations.
- Conduct basic tests of network hardware and software.
- Assist in monitoring network traffic to identify bottlenecks or performance issues.
- Help with the deployment of new subnets or network expansions.
- Testing DHCP, DNS, TCP/IP protocols, HTTP testing using wireshark as a tool.

Linux, Basic shell scripting, CCNA, DHCP, DNS, TCP/IP

Business Development Executive

Dec 2019– Aug 2023

Hayleys Aventura (PVT) Ltd. | Colombo, Sri Lanka

- Achieving new projects for innovative products and technologies, with a focus on target revenue and gross profit.
- Introducing new innovations, technologies, products, and trends to the market.
- Supporting collaboration between clients and overseas suppliers.
- Procuring new clients.
- Negotiating with suppliers to secure the most competitive prices.
- Reviewing client feedback and implementing necessary changes.
- Engaging with overseas suppliers to ensure continuous support for clients.
- Attending technical training sessions with overseas suppliers.
- Arranging and delivering technical and sales presentations for internal teams as well as external customers.

Sales Assistant

Jan 2015– Dec 2019

Queens Mobiles | Kiribathgoda, Sri Lanka

- Gain New Orders for Mobile Phones.

Education

Bachelor of Engineering in Information and Communication Technology

Jyväskyla University of Applied Sciences (JAMK) – From 2023 - Current Education

Bachelor of Science in Biological Science

University of Sri Jayewardenepura – Graduated in 14th December of 2018

GPA - 3.04

Second Lower Class Division

Certifications

- Certification of completion of ABC of data protection for public administration personnel
- App Building Onramp
- Deep Learning Onramp

- Machine Learning
- Machine Learning Onramp
- MatLab Fundamentals
- MatLab Onramp

Projects

Future Factory Project

Jyväskylä University of Applied Sciences (JAMK) – Group project

- The project is related to real working life project.
- Participated in JAMK's multidisciplinary Future Factory initiative focused on solving real-world business challenges provided by external clients.
- Assigned as Developer in a student team tasked with the design, development, and maintenance of a PrestaShop-based website for a real client.

Responsibilities included:

- Developing and implementing key features of the team website.
- Addressing and resolving bugs as part of the bug fixing epic.
- Collaborating with team members across disciplines in agile sprints.
- Engaging with client feedback to iteratively refine and improve deliverables.
- Delivered working software in line with client expectations, demonstrating professional-level technical and teamwork skills in a real-world context.
- Course mainly based on project management.

Role: Developer | Credits: 10 ECTS | Grade: 5 (Excellent)

Shopping basket

Individual Project

- Developed E-Commerce website frontend with React.js and react frameworks and google firebase.
- <https://jayani-app.web.app/>

DOPC

Individual Project

- Developed delivery order price calculator with React

Launch Map

Individual Project

- Developed map with android studio and kotlin.

Calculator

Individual Project

- Developed horizontal and vertical calculator with android studio and flutter.

My Portfolio

Individual Project

- Developed my own portfolio with React.js and Javascript frameworks.
- <https://jayani9.github.io/my-new-portfolio/>

Bookstore

Individual Project

- Integrated Firebase Realtime Database into a React/Vite Bookstore app.
- <https://console.firebaseio.google.com/u/0/project/bookstore-9178a/database/bookstore-9178a-default-rtdb/data/~2F>

Achievements

- IELTS 6.5 Overall Band Score 6.5 (Reading - 7.0, Listening - 6.5, Speaking - 6.5, Writing - 6.0)
- English Essay Competition - Zonal and School Championships
- IWMS and WENDY WHATMORE ACADEMY MERITS and HONOURS
- Championships in All-Island, District wise & School Table Tennis Competitions.
- Degree Tutor at JAMKO - Organization by Jyväskylä University of Applied Sciences.

References

- Tuula Kotikoski
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- Nirmani Samarasekara
Assistant Lecturer Informatics Institute of Technology (IIT), Sri Lanka
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