

# MINURI VIRANGA PUNCHIHEWA

## BSC (HONS) SOFTWARE ENGINEERING

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## SUMMARY

I have completed a BSc (Hons) in Software Engineering with a Second Class (Upper Division). With over 3 years of hands-on experience in web and cross-platform mobile app development, I specialize in building responsive, scalable and user friendly applications. Proficient in React.js, Next.js, Vue.js, Node.js, Flutter, Dart, TypeScript, JavaScript, HTML, and CSS, I have integrated Firebase Authentication, real-time databases, and clean UI designs to deliver robust solutions. I possess strong knowledge of object-oriented programming (OOP), data structures, algorithms, and software architecture, with hands-on experience in Tailwind CSS, MUI, RESTful APIs, Docker, CI/CD, and cloud deployment (vercel, AWS). Skilled in Git-based version control and familiar with Agile methodologies, I am passionate about creating efficient, secure and innovative applications as a Software Engineer.

## EXPERIENCE

### 2025 - Present

Web Developer | Cyber Security Analyst Intern | Sinetcom (Pvt) Ltd

- Developing the company's official website using Next.js, Node JS, JavaScript, and Tailwind CSS, delivering a responsive, scalable, and SEO-optimized corporate platform.
- Integrating an AI-powered chatbot using OpenAI API, n8n automation workflows, and Pinecone vector database, enabling intelligent document-based responses and automated customer support.
- Managing API integrations, VPS deployment (Hostinger), performance optimization, testing, debugging, and secure coding practices, while supporting basic firewall monitoring for system security.

## EDUCATION

### 2022 - 2025

BSc (Hons) Software Engineering | Plymouth University (UK) | Second Class Upper Division

- Gained a deep understanding of Object-Oriented Programming (OOP), algorithms, data structures, SDLC, and database design principles for creating scalable and maintainable applications.

### 2018 - 2021

GCE/ Ordinary Level | Advanced Level | Mahamaya Girl's School

## SKILLS

- **Frontend:**  
Next.js React.js TypeScript JavaScript  
Vue.js jQuery HTML5 CSS3 Tailwind CSS  
MUI Bootstrap
- **Backend:**  
Node.js RESTful API Java SQL  
MongoDB Supabase API Integration  
n8n Automation
- **Mobile App:**  
Flutter Dart Firebase
- **DevOps:**  
CI/CD Docker Git AWS Vercel

## PROJECTS

Sinetcom Official Website | Next.js AI-Powered Corporate Website

Ongoing

GitHub Link: <https://github.com/minu2003/sinetcom-website.git>

- Developed the official corporate website using Next.js, Node JS, JavaScript, Tailwind CSS, HTML5, and modern responsive UI practices, ensuring optimized performance and SEO-friendly architecture.
- Integrated an AI-powered chatbot using OpenAI API, n8n automation workflows, and Pinecone vector database to enable intelligent document-based responses and automated customer interaction.
- Implemented API integrations and backend communication workflows, including document retrieval from cloud storage and real-time query processing.
- Deployed and managed the application using VPS hosting on Hostinger, improving reliability and scalability of the chatbot and automation services.

My Portfolio Website | Next JS Website

Oct 2025

Website Link: <https://www.minuriviranga.com/> | GitHub Link: <https://github.com/minu2003/my-portfolio.git>

- Designed and developed a fully responsive personal portfolio website using Next.js and Tailwind CSS.
- Deployed the website on Vercel with optimized server-side rendering (SSR) for fast performance under 2 seconds and SEO benefits.
- Enhanced visual appeal and user interaction using Framer Motion for smooth animations.

Cinemax | React & Node.js Movie Booking System

Jan 2025

GitHub Link: [https://github.com/Plymouth-University/coursework-group\\_91.git](https://github.com/Plymouth-University/coursework-group_91.git)

- Developed a movie booking platform React.js, Tailwind CSS, HTML5, and JavaScript, improving load times by 20–50%, and contributed to seat selection, schedules, and secure payments.
- Built backend APIs using Node.js, Express.js, and MongoDB with authentication, PayPal integration, and real-time seat updates via WebSockets.
- Implemented Docker for containerization and collaborated with a team of 8 using Git/GitHub for efficient version control and deployment consistency.

Dual Money Tracker | Flutter & Firebase Finance App

Apr 2025

GitHub Link: <https://github.com/minu2003/Dual-Money-Tracker.git>

- Developed a cross-platform personal and business expense tracker using Flutter, Dart, and Firebase with secure authentication and real-time database storage.
- Implemented income/expense and credit/debit tracking with add/edit/delete functionality, Provider state management, and reusable UI components for a smooth user experience.

## EXTRA CURRICULAR ACTIVITIES

Head Prefect | Mahamaya Girl's School.

2020 - 2021

- Demonstrated leadership by managing the prefect team and coordinating major school events while representing students in administrative meetings.

## REFERENCES

- **S.L.S. Fernando | Lead DevOps Engineer**  
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- **Supun Sandeepa | Senior Software Engineer**  
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