

# KASMIRA WIJAYATHUNGA

Full-Stack Developer

+94 77 064 9182    mkwijayathunga@gmail.com    www.wijayathunga.com  
github.com/kasmirawijayathunga    linkedin.com/in/kasmira-wijayathunga

## SUMMARY

Full-Stack Developer and Engineering Undergraduate specializing in scalable SaaS platforms, cloud-deployed web systems, and modern API architectures. Experienced in building production-grade applications using TypeScript, Next.js, Node.js, and relational databases. Proven track record developing multi-tenant SaaS systems, open-source frameworks, and cloud platforms supporting real-world users. Active contributor to global technology communities including IEEE and SEDS, with multiple national and international hackathon recognitions including NASA Space Apps Challenge awards.

## EDUCATION

<b>B.Sc. (Hons) Engineering Information &amp; Communication Engineering</b> <i>Expected Graduation Jan 2027</i>	Sri Lanka Technological Campus (SLTC)
<b>Diploma in Hardware &amp; Network Engineering</b>	ESOFT Metro Campus (Pearson)
<b>Diploma in Cyber Security &amp; Ethical Hacking</b>	SITC Campus
<b>Certificate in Java Programming</b>	ESOFT Metro Campus

## SKILLS

**Programming & Frameworks:** JavaScript, TypeScript, Python, Django, Java, C++, Dart, Rust, R, PHP, React.js, Next.js, Node.js, Express.js  
**Web & Databases:** HTML5, CSS3, Tailwind CSS, REST APIs, MySQL, PostgreSQL, Prisma ORM, Firebase  
**DevOps & Tools:** Linux, Nginx, PM2, Docker (Basic), CI/CD, Git, GitHub, npm, Vercel, Neutralino.js  
**Concepts:** SaaS Architecture, Microservices, SSR, Performance Optimization, JWT, OAuth  
**Languages & Soft Skills:** Sinhala (Native), English (Professional), Tamil (Basic); Problem Solving, Leadership, Communication, Team Collaboration, Project Management

## EXPERIENCE

<b>Self-Employed</b> <i>Full-Stack Developer (Freelance)</i>	Feb 2023 – Present
<ul style="list-style-type: none"><li>– Developed and deployed 10+ production full-stack web applications using Next.js, Node.js, and MySQL.</li><li>– Designed scalable RESTful APIs and backend architectures using Prisma ORM.</li><li>– Built Progressive Web Applications (PWA) supporting offline usage and cross-device compatibility.</li><li>– Implemented Git-based collaborative workflows and CI/CD pipelines for automated deployment.</li></ul>	
<b>Helascript (Pvt) Ltd</b> <i>Lead Developer</i>	Mar 2021 – Sep 2022
<ul style="list-style-type: none"><li>– Co-founded a startup delivering custom web and software solutions for SMEs and startups.</li><li>– Led development of multiple production platforms and internal business systems.</li><li>– Translated business requirements into scalable technical architectures and APIs.</li><li>– Managed development timelines and coordinated directly with clients.</li></ul>	
<b>Singha Cloud</b> <i>Founder &amp; Hostmaster</i>	Jan 2021 – Dec 2024
<ul style="list-style-type: none"><li>– Founded and managed a cloud hosting platform supporting 40+ client websites.</li><li>– Developed internal SaaS tools for billing, subscription management, and client dashboards.</li><li>– Integrated WebHost Manager APIs for automated hosting provisioning and account management.</li><li>– Managed production infrastructure including Nginx reverse proxy, SSL automation, and remote backups.</li></ul>	

## PROJECTS

---

### POS Daily Multi-Tenant SaaS POS Platform

Next.js | TypeScript | Prisma | PostgreSQL | JWT | PWA

- Built a multi-tenant SaaS POS system with role-based access control and JWT authentication.
- Implemented modular backend services using Prisma ORM for scalable multi-tenant data management.
- Developed server-side rendering and automated PDF invoice generation.

### NeuReact Open Source Desktop Framework

React | TypeScript | Neutralino.js

- Created a lightweight framework for building React desktop applications without Electron overhead.
- Designed plugin-extensible architecture with hot-reload development workflow.
- Maintained npm package releases with CI/CD pipelines and semantic versioning.

### Singha Cloud Platform

Next.js | TypeScript | MySQL | Prisma | Nginx

- Developed a hosting platform with subscription billing, client dashboards, and automated provisioning.
- Handled deployment using Nginx reverse proxy, PM2 process management, and automated backups.

### StudPro National Career Platform

Next.js | JavaScript | Sanity CMS

- Developed a CMS-driven platform for IEEE Young Professionals Sri Lanka using headless CMS architecture.
- Implemented decoupled content management using Sanity CMS and static generation.

### Galle Scouts Platform

Next.js | REST APIs | Supabase

- Built an organizational CMS using Google Sheets as a headless backend for non-technical administrators.
- Implemented OAuth service account integration and hybrid SSG + SSR architecture.
- Developed LMS functionality using Supabase for course management.

## ACHIEVEMENTS

---

### NASA Space Apps Challenge 2024

Won 4 awards

Global Community Award | Most Inspirational Project | Local Impact Award | Art & Technology Award.

### ACES Coders v11.0 University of Peradeniya

Placed among top 10 teams

### Cypher Hackathon KDU

5th place

### Manthra Hackathon NSBM

Placed among top 10 teams

### Duothan 3.0 IEEE NSBM

Placed among top 10 teams

### Codemia v3.0 SLTC

8th place

## LEADERSHIP & VOLUNTEERING

---

### Sri Lanka Scout Association

Jul 2025 – Present

*Assistant Headquarters (National) Commissioner*

### IEEE Region 10 - Entrepreneurship & Innovation Ambassador

Apr 2024 – Feb 2025

### IEEE Student Activities Committee - National Coordinator

Mar 2024 – Jan 2025

### IEEE Young Professionals Sri Lanka - Webmaster (StudPro6)

Mar 2024 – Jan 2025

### SEDS SLTC - Webmaster

Apr 2024 – Dec 2025

## NON RELATED REFEREES

---

### Dr. Asanka Eriyawa

*International Commissioner (SLSA)*

Lecturer, Faculty of Medicine - Wayamba University of Sri Lanka

asankaeriyawa@wyb.ac.lk | +94 77 297 6126

### Mr. Uthpala Ruwanara

Senior Software Engineer - Acumatica Pvt Ltd  
uthpala.ruwanara@acumatica.com | +94 77 111 0052