

# Sanuka Rathnayake

## Full Stack Developer

## CONTACT

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## PROFILE

Dedicated Full-Stack Software Developer specializing in the MERN/PERN stack and Next.js to build optimized, scalable web systems. I prioritize robust architectures and clean code to deliver high-performance user experiences and reliable backend solutions.

I am a continuous learner focused on mastering system design, security, cloud technologies, and DevOps practices. I integrate AI tools into my workflow using advanced techniques to accelerate delivery while maintaining high technical accuracy. My goal is to apply senior-level standards to every project to create efficient, future-proof software that drives impact.

## WORK EXPERIENCE

### Freelance – Full Stack Developer

Nov 2025 – Present

- **Summary:** I build scalable, high-performance applications with cutting-edge technologies. Turning complex problems into elegant solutions.
- **Scalable Web Solutions:** Developed full-stack applications using Next.js and the MERN/PERN stack to deliver high-performance, SEO-optimized systems for diverse clients.
- **Backend & Integrations:** Engineered secure APIs and databases by integrating Stripe/Payhere and MongoDB/PostgreSQL to automate payment processing and ensure long-term data integrity.

### Wigerlabs – Software Engineer Intern

May 2025 – Nov 2025

- **Summary:** I worked with a professional team to learn the best ways to write clean code and launch web sites and systems.
- **Admin Systems:** Developed an internal management dashboard using React and Refine core to centralize university data and streamline administrative workflows.
- **System Performance:** Optimized Node.js backend systems by refining MySQL queries to reduce API response times by 15% and improve server efficiency.

## EDUCATION

### DevOps & Software Engineering Professional Cert – Ongoing

IBM

2026 – 2027

### BSc (Hons) in Software Engineering – Undergraduate

Birmingham City University, UK

2024 – 2027

### GCE Ordinary Level Examination

D.S. Senanayake College, Colombo 07

2022 – 2024

## SKILLS

- Languages: JavaScript (ES6+), TypeScript, Java, SQL, Python
- Full Stack: React.js, Next.js, React Native, Tailwind CSS, Node.js, Express.js, Refine, Figma-to-Code
- Databases: MongoDB, PostgreSQL, MySQL
- DevOps & Cloud: Git/GitHub, Docker, CI/CD, Vercel, Railway.
- AI & Workflow: AI-Assisted Development(Advanced Prompting & Hallucination Mitigation)