SANKA DE SILVA

Full-Stack Developer | Data Analysist | Cyber Security Student

CONTACT

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in www.linkedin.com/in/sand0504/

◈ www.github.com/iamsanka

SKILLS

◉ Programming
- JavaScript, TypeScript, Python, C/C++, SQL, PHP, Linux

◉ Frameworks
- React, Next.js, Node.js, Laravel

◉ Databases
- PostgreSQL, MongoDB, Firebase

◉ Cloud
- AWS, Azure, Vercel, Cloudflare

◉ DevOps
- Git, Docker, CI/CD

◉ AI/ML
- PyTorch, TensorFlow

EDUCATION

◉ **August 2022 – Present**
JAMK UNIVERSITY, FINLAND
Bachelor's of Engineering in Information Communication & Technology
- Relevant Course Work : Python, Data Analytics, API Integration, Software Development, Cyber Security.
- Projects : Collaborated in a team project to developed a REST API for a loan management system, focusing on scalability and security.

◉ **August 2020 – June 2021**
BRITISH COMPUTER SOCIETY, UK
BIT

PERSONAL PROFILE

I'm a full-stack developer with over 3 years of experience delivering production grade systems across banking, fintech, and modern web platforms. I take strong ownership of my work and have designed, built, and maintained scalable applications end to end.

I've worked extensively with React, Next.js, PHP/Laravel, Node.js, AWS, PostgreSQL, and MongoDB, and I focus on building secure, reliable system architectures. I'm comfortable translating business requirements into clear technical plans, leading development cycles, and ensuring production stability.

I'm passionate about building impactful digital products and continuously growing my skills, with the goal of moving into a technical leadership role.

WORK EXPERIENCE

◉ **FULL STACK DEVELOPER | OCTOBER 2025– PRESENT**
Taprobane Entertainment Oy, Helsinki

- Led end-to-end development of Taprobane Entertainment's digital ecosystem, including the cinematic brand website (taprobane.fi) and the full production grade ticketing platform (tickets-taprobane.com).
- Designed and implemented a high-performance, animation-rich website using React, GSAP, Framer Motion, and modular SCSS, delivering a premium visual identity and smooth cross-device experience.
- Architected a secure ticketing system with dynamic pricing, QR-coded ticket generation, automated email delivery, and a fully responsive checkout flow.
- Built a robust admin dashboard featuring secure authentication (bcrypt), session cookies, proxy-based route protection, and granular order/ticket management tools.
- Implemented manual payment verification workflows including receipt upload, admin notes, and one-click ticket email resend.
- Developed a scalable Order Ticket Event relational schema using Prisma ORM with PostgreSQL, supporting multi-event ticketing and atomic updates.
- Integrated Stripe webhook logic for automated payment confirmation and error-resilient email delivery.
- Managed production deployments using Vercel, Cloudflare, CI/CD pipelines, environment variable management, and serverless optimized Prisma Client.

PROJECTS

- **tickets-taprobane.com**
  (Next.js, Prisma, PostgreSQL, Taliwind, Vercel)
  - Ticket purchasing with dynamic pricing and service fee logic.
  - Automated email delivery with QR-coded tickets.
  - Admin dashboard with secure login, order search, manual verification, and ticket management.
  - Prisma ORM with PostgreSQL, atomic updates, Stripe webhook, and clean API separation.
  - Vercel deployment with environment management and serverless architecture.

- **taprobane.fi**
  (React, GASP, Framer, Netlify, Cloudflaire)
  - Built a cinematic hero section with layered gradients, parallax, and scroll triggered animations.
  - Implemented modular SCSS architecture, responsive layouts, and optimized image delivery.
  - Deployed via Netlify with Cloudflare security and CDN caching.

- **mahagedara.fi**
  (React, Netlify, Cloudflaire)
  - Designed and developed a fully responsive catering website with interactive menu, gallery, and booking system.
  - Implemented modern UI/UX with optimized performance and SEO.

AWARDS & TRAINING

- 2021 FITIS Digital Excellence Awards
  - Contributed to the development team for digitalizing customized corporate IT experiences, demonstrating technical expertise and innovation in automation.

- 2022 RBI Asia Trailblazer
  - Participated in the development team for the best mobile wallet initiative, showcasing collaboration and innovation in software development.

- Bio Based Battle
  - Participated in a hackathon focused on bio-based solutions, collaborating with cross functional teams to develop innovative solutions.

- Match Made in Finland (Nokia as a Mentor)
  - Engaged in a program connecting international talent with Finnish companies, enhancing networking and professional development skills.

REACT DEVELOPER | JUNE 2025- SEPTEMBER 2025
Katch, Germany

- Developed data-intensive front-end applications with Python-powered RESTful APIs,
- ensuring efficient handling and visualization of large datasets.
- Built and integrated RESTful APIs to connect frontend tools with backend services, ensuring robust and async data flows.
- Collaborating with cross-functional teams to design and implement user-friendly interfaces.
- Optimizing application performance and ensuring seamless user experiences.
- Writing clean, reusable, and scalable code following best practices.
- Integrating RESTful APIs and state management solutions (e.g., Redux, Context API).
- Conducting code reviews, debugging, and troubleshooting to improve application efficiency.
- Implementing secure coding practices and vulnerability testing.

SOFTWARE DEVELOPER | JUNE 2019- NOVEMBER 2022
Sampath Bank PLC, Sri Lanka

- Collaborated with cross-functional teams and stakeholders to define data requirements and implement data-driven solutions.
- Designed and maintained internal administrative systems and APIs that served as critical tools for vendors and internal staff.
- Automated root cause analysis and reporting, reducing issue resolution time significantly.
- Be responsible for the server side code and APIs for web applications.
- Built data-heavy workflows for the credit management division, analyzing lending data and automating report generation.
- Involved in the entire product development life cycle including the Design, Development, Deployment and Maintenance of new and existing features.
- Maintain the stability and quality of web applications.
- Optimizing the applications for maximum speed and scalability.
- Implementing of security and data protection.
- Collaborated with cross functional teams in Agile environment to deliver solutions.
- Conducted root cause analysis for security related issues reported by clients.

LANGUAGES

- English (Fluent)
- Finnish (Basic)