Vidusha Sanidu

Full Stack Developer

Phone: +94 78 705 3107/ +94 76 041 6256
Email: vidushsanidu07@gmail.com
GitHub: github.com/VidushaSanidu
LinkedIn: linkedin.com/in/vidushasanidu

PROFILE

Final year undergraduate in Computer Science with a keen interest in Software Engineering, DevOps, and Cloud technologies. A dedicated self-learner and AI enthusiast, motivated by solving real-world challenges and eager to work with teams that embrace innovation and rapid technological changes.

WORK EXPERIENCE

- **Freelancer Full-Stack Developer (2024-2025)**

  Designed and developed end-to-end web applications using modern frameworks (React, Next.js, Express.js, etc).
  Collaborated with teams to design, develop, and deploy products, ensuring on-time delivery.

PROJECTS

- **Project BisDos — [app.bisdos.com]**
  - *Role:* Lead Full Stack Developer
  - *Technologies:* Next.js, Express.js, MongoDB, RESTful APIs
  - *Description:*
    * Designed and developed a dynamic web platform that allows users to create and manage customizable NFC-enabled business cards and portfolios.
    * Designed scalable RESTful APIs with passport.js, ensuring secure user authentication and smooth role-based management.
    * Developed a responsive, SEO-friendly front-end using Next.js and optimized the user experience for mobile and desktop platforms.

- **IT Center Web Application - University of Peradeniya**
  - *Role:* Lead Full Stack Developer
  - *Technologies:* Next.js, NestJS, PostgreSQL, Docker

- *Description:*
  * Built a reservation and course registration system for internal IT services at the University of Peradeniya.
  * Implemented responsive front-end interfaces in Next.js, connecting with RESTful APIs for real-time booking and registration management.
  * Designed and maintained a CI/CD pipeline using GitHub Actions and Docker to automate testing, building, and deployment workflows, improving development efficiency and reducing deployment errors.

- **Trading Bot Web Portal**
  - *Role:* Full Stack Developer
  - *Technologies:* Next.js, ChatGPT integration, Deriv API
  - *Description:*
    * Developed a web-based portal enabling users to automate trading activities on the Deriv platform.
    * Integrated ChatGPT to provide AI-driven trading strategy suggestions.
    * Ensured secure real-time data communication with external trading APIs and built dashboards for trade monitoring and analytics.

EDUCATION

University of Peradeniya
(2021 – Present)
Undergraduate: BSc (Hons) in Computer Science
Current GPA: 3.61

Ananda College, Colombo 10
(2011 – 2019)
GCE Advanced Level 2019: 1A, 2C (Physical Stream)
GCE Ordinary Level 2016: 8As and 1B

SKILLS

Frameworks	Nest.js, Express.js, Next.js, Node.js
Languages	TypeScript, JavaScript, Java, Python, C, Solidity
Databases	MongoDB, PostgreSQL, MySQL
Tools	Docker, Github, TypeORM, TailwindCSS, NextAuth

EXTRA CURRICULAR & ACHIEVEMENTS

- **Vice President (2024-2025)** - Computer Society UOP (CSUP)

- **Webmaster (2024-2025)** - IEEE Computer Society UOP Branch

- **Public Relation Officer (2023-2024)** - SIRED

- **7 th place - Manthra (CTF)** - IEEE NSBM University

- **Top 15 - Mini Hackathon (Data Science)** - Stat Circle UOC