

Mohamed Shafraz *Graduate Software Engineer*

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🌐 Mohamed Mahroof Mohamed Shafraz

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PROFILE

Full-stack developer with hands-on experience building and shipping production-ready web applications using Next.js, FastAPI, and modern frontend architectures. Experienced in developing end-to-end features, integrating APIs, and optimizing performance for real-world use cases. Strong focus on clean code, scalability, and continuous learning, with growing expertise in TypeScript and backend systems.

EDUCATION

Bachelor of Science in Information Systems, University of Colombo School of Computing *🌐*

2022 – 2025

Activities and societies: Player, Scrabble Team of UCSC | Member, Program Team, IEEE Student Branch.

Colombo, Sri Lanka

PROFESSIONAL EXPERIENCE

Freelancer.com *🌐*, *Freelance Software Engineer*

2026/02 – Present

- Developed and deployed full-stack applications using **React, Next.js, FastAPI**
- Designed **RESTful APIs** to improve system performance and integration
- Built scalable, reusable components following clean coding practices
- Delivered client solutions in Agile workflows

Particle Execution *🌐*, *Junior Backend Developer*

2025/10 – 2026/02

- Built backend services using **FastAPI** with OpenAPI documentation
- Integrated **AI features (OpenAI APIs)** for automation and chat systems
- Collaborated with frontend teams for **Next.js API integration**
- Improved API performance through testing and validation

BLAID Tech *🌐*, *Junior Full Stack Developer*

2025/05 – 2025/10

- Developed full-stack applications using **Next.js and FastAPI**
- Implemented **CI/CD pipelines (Docker, GitHub Actions, Azure)**
- Built scalable UI with SSR/ISR and efficient state management

Kainovation Technologies *🌐*, *Software Engineer Intern*

2024/11 – 2025/05

- Developed APIs and frontend features using **.NET and Next.js**
- Integrated AI-based functionalities using **OpenAI APIs**
- Contributed to testing, debugging, and CI/CD processes

SOFT SKILLS

Team Work

Adaptability

Creativity

Communication

Problem Solving

Willingness to Learn

Self-Motivated

PROJECTS

Task Flow – Full Stack Task Management System *🌐*,

Next.js, TypeScript, Tailwind CSS, Zustand

- Built a production-ready frontend with **authentication and state management**
- Developed **20+ reusable components** with scalable architecture
- Integrated API service layer for seamless backend communication

Task Management API *🌐*, *.NET 8, ASP.NET Core, SQL Server*

- Designed RESTful API using **Clean Architecture**
- Implemented **Repository Pattern & Dependency Injection**
- Documented APIs using **Swagger/OpenAPI**

Sri Care Services – Telecom System (Microservices) *🌐*,

Spring Boot, Node.js, React, MySQL, MongoDB

- Developed microservices-based system with **API Gateway (Node.js)**
- Built scalable backend services and responsive frontend
- Implemented billing, notifications, and service management features

POC Voice AI – AI Assistant System *🌐*,

Next.js, FastAPI, OpenAI, Twilio, Docker

- Built AI assistant for **automation and scheduling**
- Integrated **ChatGPT & voice APIs** for real-time interaction
- Implemented secure authentication and CI/CD pipelines

TECHNICAL SKILLS

Programming Language

C#, Java, JavaScript, TypeScript, Python, PHP, C/C++, Dart

Frameworks

Nest.js, React.js, Next.js, Spring Boot, FastAPI, Tailwind CSS, Bootstrap, ASP.NET *🌐* Core (.NET 8), Web API, Entity Framework Core

Database

Microsoft SQL Server, MySQL, MongoDB

REFERENCES

Shanike De Silva, *Head of Delivery and Execution*, Haqq shanike@haqq.network, +94 70 523 8392