

BASSEY EMMANUEL

✉ basscee1604@gmail.com

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PROFILE SUMMARY

I'm a passionate and results-driven software engineer with a strong interest in full-stack development. I genuinely enjoy building systems that not only work well but feel intuitive for users — from seamless user experiences on the frontend to solid, reliable backend infrastructure. Over time, I've grown confident in designing and deploying scalable applications, and I love collaborating with others to bring ideas to life and i love working as a backend developer.

I thrive in team environments where communication and knowledge sharing matter. Whether it's debugging complex issues or brainstorming product features, I bring an open mind, a willingness to learn, and a drive to solve real problems. I'm always looking for ways to improve what I build and how I build it — because to me, great software is never just about code, it's about people too.

KEY SKILLS

- Excellent teamwork and collaboration.
- Clear and effective communication
- Problem-solving and critical thinking
- Leadership and project management
- Adaptability in dynamic environments
- Creativity
- Software Design / Development skill

PROJECTS AND CONTRIBUTIONS

Lisk Name Server - A Naming Service System on Lisk

Designed for the Lisk ecosystem, it empowers developers and users with a Web3-native naming system that integrates seamlessly into dApps and wallets. Built with modular SDKs in JavaScript and Python, the platform ensures easy integration, transparency, and self-sovereign identity management without central authority

- Spearheaded the development of the name registration system, ensuring fair and transparent allocation of unique on-chain usernames.

- Built and maintained SDKs in Python and JavaScript, simplifying integration for external developers and applications.

- Audited and reviewed smart contract written in Solidity, adopting decentralization.

- Designed and developed frontend components, including the Homepage, Auction View, and Developer Docs UI, improving user experience and onboarding.

- Wrote and tested smart contracts on Lisk Sepolia Testnet, establishing the foundation for a mainnet

launch. Available at: <https://lisk-name-server.vercel.app/>

Trustpeer – Decentralized P2P Escrow Platform

Smart Contract Developer | Hackathon Project on ICP Blockchain

TrustPeer is a **peer-to-peer (P2P) platform** built on the **Internet Computer (ICP) blockchain**, designed to enable secure, transparent, and trustless digital interactions between users. By leveraging **decentralized smart contracts**, TrustPeer provides a reliable system for **escrow, governance, and dispute resolution**, eliminating the need for intermediaries.

- Built a peer-to-peer escrow platform on ICP to solve trust issues.

- Implemented Motoko smart contracts for escrow, release, and dispute resolution.
- Collaborated with a hackathon team to integrate contracts with frontend & backend.

Payfare – Decentralized Booking Platform

Smart Contract & Backend Developer | Sui Blockchain

Payfare is a decentralized travel and booking platform built on the **Sui blockchain**. It leverages smart contracts and blockchain technology to provide a secure, transparent, and efficient way for users to book **flights, hotels, and transportation services** without relying on centralized intermediaries. By using on-chain payments and wallet-based authentication, Payfare ensures trustless transactions and full ownership of user data

- Developed a Web3 booking & reservation platform for hotels & travelers.
- Built Move smart contracts for reservations, payments, and cancellations.
- Integrated zkLogin & wallet authentication for secure user access.
- Collaborated with frontend developers to deliver a seamless dApp.

Booking & Reservation – Web Application for Hotels

Backend Developer & Team Lead |

Booking and Reservation is a web-based platform designed to help **hotel owners reach their target audience** while enabling customers to **book rooms easily and conveniently**. The platform simplifies hotel management by providing a digital interface for reservations, customer engagement, and availability tracking

- Led a team to build a hotel booking platform.
- Designed & developed the backend (Python).
- Guided frontend team, ensuring smooth integration.

EDUCATION

- Software Engineering – ALX
- Smart Contract Dev – Concave & Chainspace HQ
- Python/Backend Development – Netisens

EXTRACURRICULAR ACTIVITIES

- Sightseeing
- Hiking
- Reading
- Traveling
- Doing Hard Things