Dibakar Sutra Dhar

Senior Software Engineer

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🪪 PROFILE

Senior Backend Engineer with **5+ years** building low-latency microservices, high-throughput trading systems, and crypto platforms with blockchain expertise. Proven **team leader** delivering scalable, mission-critical fintech and AI-powered solutions.

💼 PROFESSIONAL EXPERIENCE

MC² Finance 🔗

Senior Software Engineer	Nov 2024 – present
	Switzerland, Remote

- Built **MCP** server (~10ms) serving **ETF** & **Vault** data, powering Cloudflare **AI Agents**.
- **Led backend team** building subsecond **microservices** and real-time **ETL pipelines** with CF Workers.
- Engineered AI **trading analytics** and ROI/anomaly detection algorithms for actionable portfolio insights.
- Designed concurrent **Rust ETL** systems processing 30k+ crypto portfolios across 3 blockchains.

Software Engineer	Apr 2024 – Nov 2024

- Built and scaled backend **APIs** serving 30k+ tokens to 50k+ users with subsecond latency.
- Developed high-throughput data platform aggregating **time-series** metrics from 50k+ crypto wallets.

Dosier 🔗 — Oct 2022 – Oct 2023
Software Engineer — United States, Remote

- Led Web3 backend team implementing token-gated **IPFS** server access via **solidity smart contracts**.
- Implemented **ERC4337** with **SSO** and secure encrypted IPFS storage, increasing usage 20%.

QuickDesk 🔗 — May 2021 – Jan 2022
FullStack Developer — Singapore, Remote

- Built **CRM** APIs and browser tools enabling real-time WhatsApp/call communication.
- Developed **React** Chrome extension UI, boosting customer conversion by **30%**.

Signup.cash 🔗 — Nov 2020 – May 2021
Software Engineer — Kuala Lumpur, Malaysia

- Developed **non-custodial** Bitcoin Cash wallet, NFT/SLP token factory, and cryptographic **SDK**s.
- Performance-tuned wallet and transaction backend, driving **40% adoption growth**.

🧠 SKILLS

Core: NodeJs, TypeScript, Python3, Django, Solidity, Rust, NextJs

Systems: Microservices, REST/gRPC APIs, WebSockets, Event-driven systems, Non-custodial wallets, ETL, Linux

Infra & Cloud: Cloudflare (Workers, Durable Objects, KV, D2, R2, Queues), AWS (Lambda, S3), Apache, NGINX, Kafka, Docker, CI/CD, Datadog, AI Agents, LLM, MCP, n8n

Databases: PostgreSQL, Redis, Timeseries, IPFS, SQL, MongoDB

Blockchain: Smart contracts, ERC standards (ERC4337, NFT/SLP), Digital signatures, Wallet security, SSO/Auth

🕹 FOSS & PROJECTS

DevSonket 🔗
Co-founder of the largest Bengali open-source cheatsheet project supporting developers globally.

🎓 EDUCATION

Bachelor of Information Technology | 3.70/4.00 2019 – 2022 | Kuala Lumpur, Malaysia
SEGi University | University of Central Lancashire 🔗

🌐 LANGUAGES

English: Fluent, **Bangla:** Native

🏆 AWARDS

Valedictorian 2021
SEGi University