



# Md. Yasir Arafat

Full-Stack Engineer | Web3 • AI • Backend systems

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Dhaka, Bangladesh (Open to Remote)

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Senior Full-Stack Software Engineer with 8+ years of experience building scalable production systems and end-to-end digital products. Experienced in designing backend architectures, APIs, databases, and real-time applications across modern runtimes, including Node.js, Go, Python, and Bun. Proven ability to lead engineering teams of up to 15 developers while owning system architecture and product delivery. Specialized in Web3 and fintech platforms, including dApps, smart contracts, crypto payments, staking systems, and DEX integrations. Also experienced in integrating applied AI solutions such as LLM-powered applications, vector search and embeddings, OCR/NLP pipelines, and computer vision systems.

## WORK EXPERIENCE

### Senior Software Developer Metatrend

05/2024 - 12/2025

Philippines(Remote)

Metatrend is an AI development firm that builds intelligent product to help businesses automate operations and scale with data-driven precision.

- *Achievements/Tasks*
- Built an Android realtime application end-to-end (Flutter + ExpressJS) with speech-to-text, translation, and text-to-speech to enable translated voice calls.
- Owned backend + realtime integration and overall delivery.

### Full Stack Web Developer Decenternet

11/2022 - 03/2024

Seoul, South Korea (Remote)

Decenternet Technology Corp. is a strategic IT consulting company that develops solid AI and Blockchain technology foundations for businesses.

- *Achievements/Tasks*
- Developed decentralized applications (dApps) on the Ethereum blockchain.
- Integrated AI-driven sentiment analysis using OpenAI's ChatGPT to enhance blockchain applications.
- Designed and implemented a recommendation engine leveraging blockchain data for collaborative filtering.

## SKILLS

- Python
- NodeJS / ExpressJS
- Go
- PHP / Laravel
- Rust
- Web3
- FinTech
- AI/ML
- MERN Stack
- Smart contracts
- Crypto Staking
- dApps
- Prompt Engineering
- OpenCV
- Embeddings/vector: Pinecone, FAISS
- PyTorch (ResNet/EfficientNet)
- REST API
- Web Socket
- GraphQL
- ReactJS
- NextJS
- Flutter
- React Native
- Godot
- DevOps
- ERD/data modeling
- MongoDB, MySQL, PostgreSQL
- Micro-Services
- Load Balancer
- Code reviews
- Agile Workflow
- Technical Analysis
- AWS
- Web3: Ethereum, BSC, Solana, BTC

## Software Engineer

Nexus lab

09/2020 - 10/2022

Dhaka, Bangladesh

Innovative Blockchain App development company

### - Achievements/Tasks

- Engineered smart contracts using Solidity, ensuring secure and efficient transactions on the blockchain.
- Analyzed and optimized blockchain data flows and protocols to enhance performance and scalability.

## Backend Web Developer

Innovect Solution

07/2018 - 08/2020

Manila, Philippines (Remote)

Innovect Solution is a blockchain based advanced technology provider

### - Achievements/Tasks

- Developed blockchain-based user authentication systems to enhance security and user experience.
- Implemented blockchain-based payment gateways, facilitating seamless and secure transactions.

## Full-Stack Web Developer

Software & Technology

12/2017 - 05/2018

Dhaka, Bangladesh

### - Achievements/Tasks

- Designing, building, and maintaining web applications
- Architect brand-new software solutions to fulfill project requirements. Designing, building, and maintaining web applications

## Technical Support Executive

Softon Limited

07/2015 - 11/2017

Dhaka, Bangladesh

### - Achievements/Tasks

- Provided technical support for company workstations, software systems, and internal IT infrastructure.
- Assisted in maintaining local network connectivity including routers, switches, and LAN troubleshooting.
- Supported internal teams with data entry, system operations, and database-related tasks.

## EDUCATION

### Computer Science & Engineering

Bangladesh University of Business & Technology

02/2016 - 07/2021

Dhaka, Bangladesh

### Higher Secondary Certificate

Nachole Govt. Degree College

03/2013 - 07/2015

Nachole, Rajshahi, Bangladesh

## LANGUAGES

Bangla

Native or Bilingual Proficiency

English

Full Professional Proficiency

## INTERESTS

Exploring decentralized systems

System architecture and scalable backend design

AI applications and emerging technologies

Developer productivity tools and automation

Programming Problem Solving