

# Temu Batamgala

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## Full Stack Engineer

FINANCE, CRYPTO, E-COMMERCE | CLOUD & SCALABLE SYSTEMS

Full-stack software engineer with 5+ years of experience building high-volume, real-time systems across crypto, e-commerce, and financial platforms. I specialize in TypeScript, React, and Node.js to deliver performant user experiences, and I use AWS and Kubernetes to design scalable, cost-efficient infrastructure. I bring a strong problem-solving foundation and love building reliable products that create real user impact.

### CORE PROFICIENCIES

**Languages:** JavaScript, TypeScript, Python, SQL

**Frameworks:** React.js, Next.js, Angular, Node.js, Express.js, Tailwind CSS

**Cloud & DevOps:** AWS, Kubernetes, Docker, Terraform, Helm, GitHub Actions

**Databases:** PostgreSQL, MySQL, DynamoDB, MongoDB, Redis, MemoryDB, Elasticsearch

**Web & Services:** REST, WebSockets, WebRTC, Nginx, TLS/SSL

**Tools & Practices:** Git, Linux, Jira, Agile (Scrum), Jest, Supertest, CI/CD

**AI Tools:** Cursor, Claude, OpenAI API, Gemini, Google Antigravity

### CAREER OVERVIEW

FULL STACK ENGINEER | **X-META LLC** – ( Crypto Exchange ) | Dec 2023 – Jul 2025

- Led development of low-latency trading and asset management systems supporting 5,000+ daily active traders, delivering reliable execution and resilient system performance.
- Architected a scalable crypto wallet platform using TypeScript, AWS DynamoDB, and Lambda, securely managing 70,000+ user assets.
- Built event-driven alerting and reporting pipelines with Amazon S3, reducing manual operational workload by 80% and improving operational visibility.
- Provisioned and maintained cloud infrastructure using Infrastructure as Code with TypeScript and CloudFormation, improving deployment consistency and scalability.
- Enforced ISO 27001 security standards and integrated Okta for KYC, sanctions screening, and transaction monitoring to strengthen compliance controls.

FULL STACK ENGINEER | **SIGMA.TX** – ( Ecommerce ) | Sep 2021 – Sep 2023

- Developed microservices and ERP modules for e-commerce and enterprise systems using Node.js and Express.js.
- Built a no-code website builder (Market.shop) using React.js and TypeScript, featuring dynamic page rendering and reusable UI components.
- Integrated Elasticsearch-powered product search, improving discovery performance by 50%.
- Engineered a delivery route optimization system for Market ERP to automate distribution and reduce delivery times.
- Optimized PostgreSQL queries and implemented automated database backup systems, improving search performance by 20%.
- Managed production infrastructure and integrated Google Cloud Object Storage for scalable asset management.

### PROJECTS

**AI-Assisted Apply (React, FastAPI, OpenAI API, LaTeX, PDF Export GitHub)**

GitHub: [github.com/fkvivid/ai-assisted-apply](https://github.com/fkvivid/ai-assisted-apply)

- Built an AI-powered application using RAG and LLM embeddings for natural language recommendation workflows; containerized with Docker and deployed on Kubernetes.

**AI Anime Recommendation Platform (Node.js, TypeScript, Angular, MongoDB Vector Search)**

GitHub: [github.com/fkvivid/anime-recommendation](https://github.com/fkvivid/anime-recommendation)

- Built an AI-powered application using RAG and LLM embeddings for natural language recommendation workflows; containerized with Docker and deployed on Kubernetes.

## EDUCATION

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**Certified Kubernetes Application Developer (CKAD)** | Mar 2026

**AWS Certified Solutions Architect – Associate** | Nov 2025

**Machine Learning Engineer Course (MTC Special Course)** | Aug 2022

## EDUCATION

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**Master of Science, Computer Science**, Maharishi International University | Fairfield, IA

**Bachelor of Science, Computer Science**, National University of Mongolia | UB, Mongolia | Jan 2023