

## TECHNICAL SKILLS

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**Programming Languages:** JavaScript, PHP, SQL, TypeScript

**Tools:** Node.js, LLMs, Redux, GraphQL, Terraform, Git, AWS, Docker, Google Cloud, Prisma, Postman, Jenkins, Firebase

**Databases:** PostgreSQL, MongoDB, Redis, MySQL

**Frameworks:** Express.js, Nest.js, Next.js, Laravel, React.js, Next.js, WordPress

## WORK EXPERIENCE

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### Software Engineer II

#### Unosquare

November 2023 – Present

- Implemented AI-driven content moderation using spaCy, Node.js, and LLMs to enhance platform safety and user experience.
- Designed and deployed a robust, fault-tolerant streaming video microservice using Node.js and FFmpeg, enabling efficient transcoding, adaptive bitrate streaming (HLS/DASH).
- Achieved **35% latency reduction** in video streaming service through strategic multi-CDN implementation with Fastly, Terraform, and Nest.js.

### Full Stack developer

#### OnlineSidekicks

September 2023 – November 2023

- Integrated a robust A/B testing framework with Next.js, Redux, MongoDB, and Heap/Segment analytics, boosting lead conversion by 20%.

### Full Stack Engineer

#### Jokr

October 2021 – February 2023

- Built a system to streamline WordPress content syndication across portals using Next.js, Prisma, and GraphQL for efficient data management.
- Developed a Single Sign-On (SSO) feature to enhance user security and experience. Implemented OAuth 2.0 and SAML protocols with a backend in PHP and Laravel.
- Architected a scalable feedback analysis system using API Gateway, Lambda, and SQS, automating insights for improved customer experience.

### TypeScript Developer

#### Muni

January 2020 – August 2021

- Created a real-time analytics dashboard providing actionable insights for internal teams. This was implemented using React.js for the frontend and Node.js backend processing, Socket.IO for real-time updates, and integrated with Google Cloud services like BigQuery and Pub/Sub.
- Improved a dynamic pricing engine utilizing TypeScript and Express.js. Integrated price adjustment algorithms, leveraged external data sources via Axios, and utilized Redis for high-performance caching to improve margins and sales performance.
- Refactored the core functionality of an e-commerce platform by migrating the codebase to TypeScript, enhancing maintainability and code robustness. Employed JIRA for efficient task management and sprint tracking.

## PROJECTS

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### CryptoCoin – Cryptocurrency Watchlist

- Developed a real-time cryptocurrency watchlist with Node.js/Express and WebSockets. Integrated with a crypto exchange API for live price updates and used Firebase Firestore for flexible data storage. Utilized React.js and redux for the frontend.

### Getbig – Exercise Progress Tracker

- Built a robust exercise tracker with a Node.js/GraphQL backend. Employed PostgreSQL for structured data and implemented OAuth 2.0 authentication for secure user access.

### DelishFind – Restaurant Search Engine

- Constructed a restaurant search engine with NestJS and React.js. Used Elasticsearch for lightning-fast search, and Redis to cache popular queries for optimal performance.