Xing Tian

Lead Software Engineer

Hello, I'm Xing Tian, a Software Engineer with over 8 years of extensive experience. As a dedicated and skilled lead full-stack developer, my primary goal is to deliver bug-free applications and ensure user satisfaction. With my expertise and commitment to quality, I strive to contribute to innovative and efficient solutions that meet the needs of both clients and end-users.

Contact

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Portfolio
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Education

2020
BS in Software Engineering

2021
Google Certification in MYSQL

2021
Certified from AWS & Cisco

Expertise

- Amazon AWS
- AWS S3
- AWS EC2
- Lambda
- Azure
- Docker
- Kubernates
- GitLab
- Ngnix
- Team Lead
- Work Management
- Maintenance
- Management
- Linux & CI/CD Pipelines
- NPM Packages Control
- Git Version control
- Server Management

Experience

September 2023 – Current
Byte Legion
Team Lead & Senior Full Stack Developer

Crafting an E-Learning Platform with Next.js 14.2, Node.js, Redis & Kafka

- Embark on a journey of crafting a breathtaking full-stack application, weaving together the magic of Clerk web hooks, the elegance of Stripe, and the sophistication of Shadcn UI, all orchestrated with Next.js on the frontend
- Delve into the backend realm with Node.js and Sequelize, leveraging the power of Azure Blob storage. Witness the birth of a bespoke MD5 algorithm, meticulously designed to imbue the video uploading process with seamless efficiency, unwavering security, and lightning-fast speed. And use of lambda in AWS for triggering.

Development Team Lead (SaaS and Device Management Applications)

- Led a team of developers in the design and development of full-stack SaaS (Software as a Service) and device management applications.
- Integrate reactjs & nodejs with Salt and tactical to optimize application performance and maintainability in device management and device remote access.

Lead of the Campaign Management Product (React, Node, AWS)

- Led a team of developers in the design and development of full-stack automate Mail Marketing product (Growtoro) using AWS, React, Laravel, Typescript, Nodejs.
- Attachment of different mail services, track analytics, check the bounce rate and scheduling mails, balance the server load while sending 100s of mails same time.

Kubernetes and Docker Deployment Specialist (CI/CD Pipelines with GitLab)

- Proficiently created Kubernetes clusters and Docker containers for application deployment, ensuring scalability and portability.
- Established efficient CI/CD pipelines using GitLab, automating the build, test, and deployment processes, resulting in faster and more reliable software releases.

Secure API Development (Odoo, Node.js and React)

- Designed and implemented highly secure APIs using Odoo, a robust open-source ERP platform, ensuring data integrity and authentication.
- Adapted and enhanced APIs using Node.js to accommodate evolving business requirements, facilitating seamless integration with various systems and services.

June 2021 – August 2023
Codesix
Full Stack Developer

Email Server Management System with Node.js & React.js:

- Developed scalable email server management system with Node.js and RabbitMQ.
- Utilized React.js, Material-UI, and Formik for an enhanced user interface.
- Implemented server-side rendering (SSR) with Next.js for improved SEO performance.
- Integrated OAuth2 authentication for secure access.
- Employed Docker for containerization and CI/CD pipelines for automated deployment.

Streaming Application with Kafka, React.js, Nodejs & Typescript Pub/Sub Arc:

- Built high-performance streaming application with Node.js, typescript and Erlang OTP.
- Implemented real-time data streaming using Kafka.
- Designed algorithms for duplicate image-checking.
- Ensured user authentication with OAuth2 and token passing.
- Utilized React Context API and Redux for application-wide state management.

Micro services Architecture with RabbitMQ, Redis, Node & React:

- Contributed to microservices-based platform using Node.js and Laravel
- Designed and implemented individual microservices.
- Utilized Docker for containerization and CI/CD pipelines for automation.
- Implemented state management libraries.

Led Team in Real Estate Management System with Integrated Chat Support Project:

- Played a key role as a full-stack developer in real estate management system development.
- Utilized Node.js with Nest.js (typescript) for backend development.
- Integrated chat support for seamless communication.
- Utilized Prisma for efficient data modeling and querying.
- Integrated AWS S3 for secure image and document storage and lambda for serverless.

Jan 2018 – May 2021
Systems Limited
Frontend Developer

Three.js Interactive Visualization with React.js:

- Designed and developed a high-fidelity, user friendly frontend using Three.js for creating interactive 3D visualizations.
- Utilized React.js for building the user interface and integrating with Three.js. Implemented Redux for efficient state management and integrated payment gateways for transactions.
- Developed engaging user experiences with smooth animations and interactive features.

E-Wallet Development with Node.js:

- Successfully developed wallets using Node.js, implementing algorithms and working with relational databases.
- Designed and developed secure and efficient CRM & wallet systems with features like transaction history and balance management in strapi.
- Implemented robust security measures & wellness, including encryption and authentication protocols.
- Integrated third-party APIs for currency conversions, external payment integrations and data security.

Backend API Development with Strapi, Nextjs & Redis:

- Developed RESTful API backend with robust database design within strapi.
- Implemented user authentication and authorization mechanisms.
- Utilized MongoDB with Mongoose for efficient data storage.
- Employed Socket.io for real-time communication.

Skills

Frontend	Backend	Databases	Testing & Queue	Web Technologies	Other
React.js	Node.js	SQL	RabbitMQ	HTML	Strapi
Next.js 14	Nest.js	MariaDB	Erlang OTP	CSS & SCSS	Docker
React Native	Express.js	Postgres	Mocha	Threejs gasp	JQuery
Angular	GraphQL	Mongoose	Chai	Tailwind	TypeScript
	Redis	DynamoDB	Cross env	Shadcn UI	JavaScript (ECMA)
	Kafka	NoSQL		Material UI	Socket.io