

Nitesh Ghuge

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Tags - Good at Architecture | Strong Backend Skills | Strong Blockchain Skills | Solidity Smart Contract

Summary

I am a Senior Software Engineer with 7+ years of experience, expertise in Javascript, Typescript, Solidity, Node.js, AWS, Microservice, Rest API, EVM, Blockchain. I have successfully designed robust architectures, led development teams, and explored emerging technologies.

My notable achievements include working with Wallex Global projects of DeFi cross border crypto exchange, NFT marketplace and fiat stablecoins collaborated with different fiat currency like EURO, JPY, USD and more, managing compliance with KYC and AML regulations. I also created simulator trading bots for comprehensive smart contract testing and auditing for smart contract safety and optimization.

I have contributed to projects like The Gem NFT marketplace, Metanept, and USX stablecoin involved implementing blockchain features such as IoT integration, DEX, CEX, DeFi, metaverse functionality, web3 components, finance, healthcare, e-commerce etc.

Tech Stack Experience

Programming Languages: Javascript, Typescript, Solidity, Rust
Frontend Frameworks: React.js, Next.js
Backend Framework: Node.js, Express.js Nest.js
API Development: Restful, GraphQL
Databases: MySQL, MongoDB, PostgreSQL.
Databases Library: Prisma, TypeORM, Sequelize, Mongoose
Caching: Redis Testing: Jest, Unit Testing, E2ETesting
Cloud: AWS, Firebase, Vercel, Heruko
Containerization: Docker
Message Brokers: RabbitMQ, Kafka
Blockchain: EVM, SVM, Ethers.js, Web3.js, bitcoinjs, Solidity, on-chain, off-chain, cross-chain, IPFS, Anchor, Hardhat, Truffle, Foundry
Blockchain Applications: NFT, DeFi, DEX, CEX, Metaverse, Web3 game, crypto wallet
Blockchain Wallet: Metamask, Coinbase, Wallet Connect, Phantom, Fireblock
Blockchain Network: Ethereum, Binance, Polygon, Bitcoin and Solana
Version Control: Git, GitHub, Bitbucket, Gitlab
Other: Microservices Architecture, Design pattern, SOLID design principle, algorithm, data structure, Webhook, WebSocket, Social Auth Login, Cryptography, Payment gateway, Swagger UI, Jest, KYC, AML.

Professional Experience

SurveyKnow, (Remote, Contract) - Senior Software Engineer - Blockchain

May 2023 – present

SurveyKnow provides service in market research and dedicated resource outsourcing

Tech Stack: Javascript, Typescript, Node.js, Express.js, Nest.js, Solidity, EVM, Cryptography, Smart contract auditing, Blockchain Wallet, MongoDB, PostgreSQL, Redis, Jest, AWS, Docker, GIT, Ethers.js, Web3.js, Reactjs, Next.js, Redux, Microservice, REST, GraphQL.

- Working with web3 product-based client on SurveyKnow payroll, focused on building, managing, and taking ownership of the DeFi application modules.
- Used extensive tech stack, including JavaScript, TypeScript, Node.js, Express.js, Nest.js, Solidity, web3.js, ethers.js, EVM and more, to microservice architect, plan, and optimize code. Implemented best practices, resulting in a 50% improvement in performance and a 2x reduction in development time.
- Done thorough research, testing, monitoring, and auditing of application and smart contracts for safety and performance optimization.
- Collaborated closely with cross-functional teams, facilitating effective communication and smooth integration across the development process.

Block Gemini, (Fully Remote) - Senior Software Engineer - Blockchain

Aug 2021 – May 2023

Block Gemini is a collective of Blockchain developers and enthusiasts who collaborate on this technological shift that we like to call - The Blockchain Revolution.

Tech Stack: Javascript, Typescript, Rust, Node.js, Express.js, Nest.js, Solidity, EVM, SVM, Cryptography, Cryptocurrency, NFT, Smart contract auditing, Blockchain Wallet, MongoDB, MYSQL, PostgreSQL, Sequelize, TypeORM, Prisma, Mongoose, Redis, Jest, AWS, Docker, GIT, Ethers.js, Web3.js, Reactjs, Redux, IPFS, Microservice, REST, GraphQL.

- Demonstrated expertise in an extensive tech stack, including JavaScript, TypeScript, Node.js, Express.js, Nest.js, Solidity, and more, to microservice architect, plan, and optimize code. Implemented best practices, resulting in a 50% improvement in performance and a 2x reduction in development time.
- Conducted in-depth research and development on cutting-edge technologies, exploring new tools and frameworks within the tech stack. Implemented innovative solutions that improved project efficiency and scalability by 30% and enhanced security measures to mitigate risks.
- Played a pivotal role in understanding the project's business model, aligning technical solutions with business objectives. Collaborated closely with stakeholders, gathering requirements, and translating them into technical specifications, ensuring client satisfaction throughout the development process.
- Led a team of 10+ developers, providing guidance, mentorship, and fostering a collaborative environment. Oversaw project timelines, delegated tasks, and facilitated effective communication, resulting in the successful delivery of high-quality solutions on time and within budget.

Fabric Inc, Canada (Fully Remote, 6 month Contract) - Senior Software Engineer

Mar '21 - July '21 · 5 months

Fabric is the headless commerce platform purpose-built for growth.

Tech Stack: Javascript, MongoDB, Serverless.js, Jest, Microservice and AWS

- Improved application performance by implementing optimization techniques, caching strategies, and enabling robust handling of +1k requests per second.
- Conducted load testing and performance tuning to optimize application response times, scalability, and resilience, ensuring smooth performance during peak usage periods.

Encapto, Australia (Fully Remote) - Senior Software Engineer

Dec '18 - Feb '21 ·

Encapto WiFi provides flexible, feature-rich, and easy-to-use WiFi platform in the world.

Tech Stack: Javascript, Typescript, Node.js, Serverless.js, Jest, Docker, GIT, CI/CD, AWS, Lamda, Nginx, PostgreSQL, Sequelize, Microservice

- Developed and scaled a microservices architecture using Node.js, Serverless.js, and AWS, supporting modular and independent components for seamless deployment and management of 10+ services.
- Implemented Docker for containerization, reducing deployment time by 30% and ensuring consistent application deployment across different environments.
- Established efficient code management, continuous integration, and deployment pipelines using Git, CI/CD, and AWS services, resulting in a 20% increase in team productivity.

Datamatics Group, Mumbai, India- Web Developer

Dec '17 - Nov '18 ·

Datamatics Group provides Contractor Accounting, Payroll Solutions and provide Umbrella Services.

Tech Stack: Javascript, Node.js, Express.js, Sequelize, AWS, Jest, Microservice, PostgreSQL

- Microservice Architected, planned, and optimized the file structure for Node.js and Express.js applications, resulting in a 30% reduction in development time and improved performance by 2x through the implementation of functional components and webhooks.
- Collaborated closely with cross-domain teams to ensure seamless integration and efficient communication throughout the development process.
- Led and mentored both the backend and frontend teams, providing guidance, and fostering a collaborative environment, resulting in improved productivity and timely delivery of high-quality solutions.
- Leveraged AWS services to deploy and scale applications, ensuring high availability and seamless performance under heavy traffic conditions, handling 1000+ concurrent connections without any service interruption.

Techmorphosis, Mumbai, India - Web Developer

Oct '16 - Nov '17 ·

Techmorphosis provide service for Application Development, Cloud Apps, and Mobile Apps.

Tech Stack: Javascript, Node.js, Express.js, AWS, Jest, Microservice, e-commerce, MYSQL, MongoDB

- Led a team of 10 web and mobile app developers, resulting in a 20% increase in productivity and timely delivery of high-quality solutions.
- Optimized e-commerce applications, resulting in a 30% reduction in response time and improved user experience.
- Improved code quality through code reviews, coding standards, and automated analysis tools, leading to a 40% reduction in bug occurrences.

Qualification

Bachelor Degree in Computer Engineering

June 2009 - May 2013

University Of Mumbai