Ghuge N

Blockchain Developer, 8+ years experience
Mumbai, India
https://augmntx.com/profile/blockchain-developer-ghuge-n/axf21232

+91 9820045154 | hr@augmntx.com

I have 7+ years of experience in software development and strong proficiency in Javascript, Typescript, React.js, Node.js, Express.js, Nest.js, Solidity, EVM, blockchain, MySQL, PostgreSQL, MongoDB, Redis, Rest API, GraphQL, RabbitMQ, Docker, Git, CI/CD, AWS, LLM, API & SDK Integrations, Microservice etc. I have utilized these skills in building application in Healthcare, finance, e-commerce, blockchain, IoT, B2B and B2C,

INDUSTRIES: Blockchain

TECHNICAL SKILLS

• JavaScript	8 years & 5 months
• RESTful API	8 years
• MySQL	8 years
• Node.js	6 years & 5 months
• Jest	6 years
• Microservices Architecture	4 years & 6 months
• TypeScript	4 years & 5 months
• PostgreSQL	4 years
• AWS	4 years & 6 months
• MongoDB	4 years
• Blockchain	3 years & 6 months
• Web 3.0	3 years & 6 months
• EVM	3 years & 6 months
• Hardhat	3 years & 6 months
• GraphQL	3 years
• Ethers.js	3 years & 6 months
• Web3JS	3 years & 6 months
• Solidity	3 years & 6 months
• React js	2 years
• Rust	6 months

PROJECT DETAILS

• Gem NFT marketplace

Project Description: The Gem is an NFT marketplace where all the NFT collections are been listed and a current market cap price is been fetched from different NFT marketplaces. The good part of this project is it is taken by Opensea now.

Responsibilities: Worked on building software architecture, led the team of developer. Done R&D on blockchain tech. Build the backed api, developed smart contracts, deployed on ethereum blockchain, done auditing of smart contract using tools like slither, dillegence fuzzing and certik. Integrated the blockchain api and smart contract.

Technologies: Javascript, Typescript, Node.js, Nest.js, REST API, AWS, Redis, IPFS, Ethers.js, Blockchain API Integration, Blockchain Wallet Integration, Ethereum, Polygon, Binance, Solidity, ERC721, ERC1155, ESCROW, AirDrop, Smart contract, Cryptocurrency, Cryptograph

Industry: Blockchain

Link: https://gem.xyz

• Wallet Bank

Project Description: Wallex is a group of financial institutions that provides assets and digital assets, advanced all-in-one technological ecosystem, providing AML, Compliance, neobanking, custody, trustee, payments, trading, alternative and decentralized investment, tokenization, wealth management, White label solutions and customer experience support services

Responsibilities: Worked on building software architecture, led the team of frontend and backend developer. Done R&D on blockchain tech. Build the backed api, developed smart contracts, deployed on ethereum blockchain, done auditing of smart contract using tools like slither, dillegence fuzzing and certik. Integrated the blockchain api and smart contract.

Technologies: Javascript, Typescript, React.js, Node.js, Express.js, Nest.js, REST API, PostgreSQL, MongoDB, Redis, WebSocket, Webhook, OAuth, Docker, AWS, Solidity, ERC20, ERC4337, Cryptocurrency, Cryptography, Hashing, KYC, AML, Fireblocks, MPC Wallet, Microservice A

Industry: Blockchain

Link: https://wallet.global

EMPLOYMENT HISTORY

• Senior Blockchain Developer

Description: As a key contributor at BlockGemini, I showcased my proficiency in a broad range of technologies, such as JavaScript, TypeScript, Node.js, Express.js, Nest.js, Solidity, and more, to strategically design and optimize code for microservices. My implementation of best practices resulted in a remarkable 50% performance improvement and a halving of development time. My role extended to comprehensive research and development in emerging technologies within the specified stack, leading to the incorporation of innovative solutions that boosted project efficiency by 30% and fortified security measures. My understanding of the project's business model allowed me to align technical solutions with business objectives, ensuring client satisfaction. In a leadership capacity, I guided a team of over 10 developers, overseeing project timelines, task delegation, and fostering open communication, resulting in the successful delivery of high-quality solutions within budget and on schedule. My diverse tech stack includes HTML, CSS, Bootstrap, Javascript, Typescript, Node.js, Express.js, Nest.js, Solidity, EVM, Cryptography, Cryptocurrency, NFT, Smart contract auditing, Blockchain Wallet, MongoDB, MYSQL, PostgreSQL, Sequelize, TypeORM, Prisma, Mangoose, Redis, Jest, AWS, Docker, GIT, Ethers.js, Web3.js, React, IPFS, Microservice, REST, and GraphQL.

• Senior Software Engineer March-2021 - July-2021

Fabric inc

Description: At Fabric Inc, I enhanced application performance by implementing optimization techniques, caching strategies, and fine-tuning configurations, resulting in the ability to handle over 1,000 requests per second seamlessly. I conducted thorough load testing and performance tuning to optimize response times, scalability, and resilience, ensuring smooth operation even during peak usage. Additionally, I developed robust error handling mechanisms that included retry strategies, circuit breakers, and failover mechanisms, thereby improving the overall resilience of the system. My technical expertise encompasses a tech stack that includes Javascript, MongoDB, Serverless.js, Jest, Microservice, and AWS.

• Senior Software Engineer December-2018 - February-2021

Encapto

Description: In my role at Encapto, I played a crucial part in developing and expanding a microservices architecture utilizing Node.js, Serverless.js, and AWS. This involved creating modular and independent components, facilitating the smooth deployment and management of over 10 services. To optimize our processes, I implemented Docker for containerization, reducing deployment time by 30% and ensuring consistent application deployment across diverse environments. Additionally, I established efficient code management, continuous integration, and deployment pipelines using Git, CI/CD, and AWS services, resulting in a notable 20% increase in team productivity. My technical expertise spans Javascript, Typescript, Node.js, Vue.js, Serverless.js, Jest, Docker, GIT, CI/CD, AWS, Lamda, Nginx, PostgreSQL, Sequelize, and Microservices.

• Web Developer December-2017 - November-2018

Datamatics group

Description: In my role at Datamatics Group, I played a key role in designing and optimizing the file structure for Node.js and Express.js applications, resulting in a 30% reduction in development time and a 2x improvement in performance. Through the implementation of functional components and webhooks, I contributed to enhancing the efficiency of our applications. I collaborated closely with cross-domain teams to ensure smooth integration and effective communication throughout the development process. As a leader, I mentored both the backend and frontend teams, providing guidance and fostering a collaborative environment that led to improved productivity and the timely delivery of high-quality solutions. Leveraging AWS services, I deployed and scaled applications, ensuring high availability and seamless performance even under heavy traffic conditions, with the capability to handle 1000+ concurrent connections without service interruption. My technical expertise includes Javascript, Node.js, Express.js, Sequelize, AWS, Jest, Microservice, and PostgreSQL.

• Web Developer November-2016 - November-2017

Techmorphosis

Description: As a leader at Techmorphosis, I guided a team of 10 web and mobile app developers, resulting in a notable 20% increase in productivity and the punctual delivery of top-notch solutions. My focus on optimizing e-commerce applications led to a 30% reduction in response time, enhancing the overall user experience. I played a key role in elevating code quality by implementing code reviews, adhering to coding standards, and utilizing automated analysis tools, which contributed to a significant 40% decrease in bug occurrences. My technical expertise encompasses Javascript, Node.js, Express.js, AWS, Jest, Microservice, e-commerce, MYSQL, and MongoDB.

EDUCATION

• Bachelors degree in Computer Engineer from Mumbai 2009 - 2013

LANGUAGES

• English - native

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