Swinton Dijon Dominique

Senior Full Stack Developer

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U.S. Citizen. Authorized to work in the US for any employer. Looking for a **fully remote** position.

PROFESSIONAL SUMMARY:

Blockchain and Web3-focused Software Engineer with a strong dedication to building innovative full-stack applications that elevate user experiences in decentralized ecosystems. Leveraging a background in software development and expertise in blockchain technologies, I bring strengths in teamwork, communication, and strategic thinking from the service industry. Passionate about the fast-paced evolution of Web3, I am committed to continuous learning and staying at the forefront of decentralized technologies. Seeking to contribute to trailblazing companies that push the boundaries of blockchain and Web3, where I can help create transformative digital solutions with real-world impact.

TECHNICAL SKILLS:

Blockchain:	Rust | Solidity | Go | Solana | Ethereum | NFT | Tokenomics | Cosmos SDK
Frontend:	React (v. 16+) | Redux | Next | Bootstrap | Material-UI | CSS 3 | HTML 5 | JavaScript (ES5/ES6) | jQuery
Backend:	Node.js | Express | MongoDB | Mongoose | MySQL | PostgreSQL | REST APIs | SQL | Oracle
Development:	AWS - (EC2, Lambda, S3, API Gateway) | Babel | Docker | Git | GitHub | Bitbucket | Jira | Google Developer Tools | Heroku | npm | yarn | Postman | VS Code | Webpack
Testing:	Jest | React Testing Library | Chai | Enzyme | Mocha | Loader.io | Artillery

PROFESSIONAL EXPERIENCE:

Peiko

Senior Blockchain Developer **Jul 2022 – Oct 2024**

Responsibilities:

- Designed backend systems to support Web3 applications, focusing on scalability, modularity, and security. Developed microservices and RESTful APIs that interacted seamlessly with blockchain networks, enabling smooth integration of decentralized functionalities.
- Developed and deployed secure Rust smart contracts for a Solana-based decentralized exchange (DEX) application, implementing features such as token swaps, liquidity pools, and order book management.

- Architected the Solana DEX project using scalable design patterns, ensuring modularity for future enhancements and smooth interaction with the Solana blockchain.
- Supervised a team of developers, UX designers, and product managers in agile sprints, providing technical guidance on Next.js, Solidity, and Rust. Conducted code reviews and held regular knowledge-sharing sessions to improve team proficiency, foster a collaborative environment, and ensure high-quality code across projects.
- Developed intuitive, responsive interfaces using Next.js and React, implementing best practices in UX and UI design for Web3 applications. Focused on optimizing user journeys and ensuring seamless interactions with decentralized systems for a cohesive user experience.
- Used CSS, React, and responsive design principles to create adaptive interfaces for Web3 applications, ensuring usability and accessibility on mobile and desktop devices. This included optimizing page load times, asset rendering, and interactive elements to meet performance requirements in diverse user environments.
- Built and deployed smart contracts using Solidity, integrating them with frontend applications through Web3.js. Implemented blockchain functionalities like token swaps, voting systems, and decentralized data storage, ensuring security and reliability in interactions with the Ethereum network.
- Implemented and enforced coding standards across the team, emphasizing best practices in Solidity and Rust development. Conducted thorough code reviews and utilized CI/CD pipelines for consistent deployment practices, reducing bugs and streamlining production releases.
- Monitored and optimized backend and frontend performance, utilizing caching, load balancing, and optimized database queries to enhance response times, ensuring the system scaled smoothly with user demand.
- Regularly engaged with clients and stakeholders to align technical development with business goals, particularly in the blockchain and Web3 space. Gathered and analyzed requirements, proposed innovative solutions, and delivered applications that addressed client needs while pushing the boundaries of blockchain technology.

Background Skills: Rust, Solidity, Next.js, React.js, Web3.js, Smart Contracts, Ethereum, Docker, Kubernetes, AWS, RESTful APIs, Microservices Architecture, Redis, PostgreSQL, MongoDB, CI/CD, Git, JIRA, Responsive Web Design, and Data Visualization.

TeleFi

Senior Rust Developer **Aug 2020 – Aug 2022**

Responsibilities:

- Leveraged Web3.js and Rust to build a secure and scalable blockchain infrastructure tailored for DeFi applications, enabling efficient, transparent asset transactions.
- Wrote and deployed smart contracts that enabled essential DeFi functions like token issuance, governance mechanisms, and liquidity staking, ensuring optimal performance and security.
- Developed user-friendly Dapps with seamless blockchain interactions, enhancing accessibility for non-technical users while maintaining backend complexity and security.
- Developed backend services that supported Dapp functionality, implementing TypeScript for strict type-checking to enhance code reliability and scalability.
- Established secure, efficient front-end integration with blockchain, managing transactions and smart contract interactions through Web3.js, and providing users with real-time data and feedback.
- Analyzed and optimized smart contract functions to reduce gas fees, improving cost efficiency for users and enhancing the platform's competitive edge.

- Led security reviews and testing for both smart contracts and backend processes to identify vulnerabilities, ensuring robust protections against potential exploits.
- Collaborated with product managers, designers, and marketers to align technical functionalities with business goals, contributing to a product development roadmap that addressed user needs and market trends.
- Documented complex workflows, smart contract structures, and integration details to ensure easy onboarding for future developers and clear communication across teams.
- Orchestrated deployment pipelines for the Dapps, overseeing end-to-end testing and providing post-launch monitoring and support to quickly address user feedback and ensure reliability.

Background Skills: Web3.js, Rust, Solidity, Smart Contracts, Dapp, DeFi, Node.js, TypeScript, JavaScript, Ethereum, Solana, Gas Optimization, Security Audits, Continuous Integration/Continuous Deployment(CI/CD), Cross-Functional Collobration.

Vention

Software Engineer **Apr 2018 – Jan 2020**

Responsibilities:

- Worked in an Agile Scrum environment, spending 30% of the time delivering high-quality, customer-focused solutions using Go and Vue.js, ensuring project goals were met effectively.
- Developed responsive React frontends integrated with Go-based gRPC and RESTful microservices, dedicating 30% of efforts to provide seamless user experiences and fast data processing.
- Spent 20% of the time utilizing Redux for state management and Next for efficient navigation across the app, optimizing frontend workflows.
- Implemented real-time updates using WebSockets, which took up 15% of the workload, connecting React frontends with Go backends to provide users with instantaneous data updates.
- Optimized frontend performance, spending 10% on implementing lazy loading and code- splitting, which improved load times and reduced bandwidth usage by 20%.
- Focused 10% on securing the platform using JWT-based authentication, ensuring secure communication and data protection between the React frontend and Go backend services.
- Allocated 10% of the time to leveraging Go routines, wait groups, and channels for high- performance backend applications that delivered fast updates to the React frontend.
- Spent 5% of efforts writing unit tests for React components using Jest and Go backend tests with testify to maintain code quality and reliability.
- Collaborated with stakeholders 5% of the time to design intuitive, data-driven frontends that integrated seamlessly with Go microservices, ensuring a user-centric approach
- Managed PostgreSQL datasets through React frontends and Go microservices, dedicating 10% to ensuring smooth data interaction for end-users
- Designed real-time dashboards using React and Go microservices, leveraging Vue's reactivity to dynamically update data, which accounted for 5% of the work.
- Led Dockerized deployments of both Vue.js and Go services, allocating 5% of time for seamless integration within Kubernetes environments.
- Integrated third-party libraries with React 5% of the time, ensuring scalability, modularity, and efficient consumption of Go APIs
- Spent 5% on optimizing frontend routing with Vue Router and managing backend API requests using Go's Gorilla MUX, ensuring smooth user navigation.

- Generated server-side code with OpenAPI and Go-Swagger, spending 5% to ensure accurate API consumption on the Vue.js frontend with consistent data formats.

Background Skills: Go, Vue, React, gRPC, Restful APIs, Redux, Next.js, WebSockets, JWT-based Authentication, Go Routines and Concurency, Jest, Testify, PostgreSQL, Docker, Kubernetes, OpenAPI, Go-Swagger

Pro Arch IT Solutions

Full Stack Engineer **May 2016 – March 2018**

Responsibilities:

- Built and maintained robust backend services and APIs using Golang, focusing on scalability and performance to support high-demand applications.
- Created responsive and interactive front-end components with React, ensuring a seamless user experience across devices, following best practices for UI/UX.
- Deployed and managed applications on AWS, utilizing services such as EC2, Lambda, S3, and RDS for storage, compute power, and serverless functions, optimizing resource usage and cost efficiency.
- Built Docker images and managed containers for both backend (Golang) and frontend (React) applications, ensuring consistent deployments across development, staging, and production environments.
- Deployed and managed containerized applications with Kubernetes, enabling automated scaling, load balancing, and resilient application infrastructure across multiple clusters.
- Developed and integrated RESTful and gRPC APIs to facilitate seamless data exchange between frontend and backend services, optimizing API response times and ensuring consistency.
- Set up and maintained CI/CD pipelines using AWS CodePipeline and GitHub Actions to automate testing, building, and deployment processes, enhancing code reliability and reducing manual effort.
- Designed database schemas and wrote optimized queries for PostgreSQL, ensuring efficient data handling and interaction between Golang backend services and the database layer.
- Implemented JWT-based authentication and IAM policies within AWS to secure user data and control access across different application components.
- Set up logging and monitoring tools (e.g., AWS CloudWatch, Prometheus) to track application performance, detect issues proactively, and maintain high availability.
- Improved frontend load times using React features like lazy loading and code-splitting, while optimizing backend performance through Golang's concurrency features, such as goroutines and channels.
- Wrote unit and integration tests using testing frameworks like Jest for React components and Testify for Golang services, ensuring application stability and reliability across deployments.

Background Skills: Golang, React.js, AWS (EC2, Lambda, S3, RDS, API Gateway), Docker, Kubernetes, PostgreSQL, RESTful APIs, gRPC, JWT Authentication, IAM Policies, CI/CD (AWS CodePipeline, GitHub Actions), Prometheus, AWS CloudWatch, Microservices Architecture, and Responsive Web Design

Education:

Bachelor of Science in Computer Science **09/2008-07/2012**

New Jersey City University