

DANIEL JAMES MURPHY

Senior Golang|Blockchain Developer

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Summary

Experienced Senior Golang | Blockchain Developer adept at architecting and deploying end-to-end solutions in the blockchain space. Skilled in leveraging blockchain frameworks such as Cosmos-SDK and Tendermint to develop secure and scalable decentralized applications. Proficient in Golang, with a proven ability to optimize backend systems for performance and reliability, ensuring seamless user experiences across the stack.

Experience

InjectiveLabs

Senior Golang | Blockchain Developer

03/2022 - 04/2024

- Spearheaded the development of decentralized applications using Cosmos-SDK and Tendermint, achieving a 30% increase in transaction throughput.
- Enhanced the Injective Bridge's interoperability and usability, enabling efficient asset transfers across a diverse range of blockchains, resulting in a 40% increase in cross-chain transactions.
- Leveraged blockchain technologies to build and enhance the Injective Bridge's staking functionality, providing users with a seamless and secure experience for staking assets and earning rewards, leading to a 35% growth in user engagement.
- Improved the Injective Blockchain Explorer's functionality and user experience, making it a powerful tool for monitoring and analyzing blockchain activities, which increased user satisfaction by 25%.
- Implemented microservices architecture to enhance scalability and maintainability of applications.
- Established robust CI/CD pipelines, reducing deployment time by 50% and ensuring continuous delivery of high-quality code.
- Achieved a 90% code coverage through comprehensive testing practices, enhancing platform reliability and stability.
- Deployed applications on Google Cloud Platform and AWS, optimizing performance and cost-efficiency.

Room-Res

Senior Golang Developer

03/2020 - 02/2022

- Led the development of backend systems using Golang, optimizing API response time by 40%.
- Executed microservices' architecture, resulting in a 35% improvement in system scalability and reliability.
- Developed backend eCommerce web and Merchandising applications in cloud platform technologies.
- Reduced server load by 50% through database query optimizations and efficient caching mechanisms.
- Worked with Engineers from the full stack to build and ship features.
- Conducted code reviews, leading to a 20% decrease in bug density and ensuring code quality.
- Collaborated with cross-functional teams to deliver features, contributing to a 15% increase in user engagement.

Travel Shop

Backend Engineer

11/2017 - 02/2020

- Developed scalable backend services using Golang, handling over 2000 requests per second.
- Applied RESTful APIs, facilitating seamless integration with over 20 third-party services, enhancing platform functionality and improving overall user experience.
- Collaborated with designers, product managers, and stakeholders to iterate on the design and implementation of our product.
- Optimized database performance, resulting in a 30% reduction in response time and improved system efficiency.
- Led the migration to Kubernetes, reducing infrastructure costs by 40% and improving resource utilization.
- Performed performance monitoring and analysis, identifying and addressing bottlenecks, resulting in a 30% improvement in system performance, ensuring optimal system performance.

Zeedz GmbH

Software Engineer

06/2015 - 09/2017

- Designed user-friendly front-end interfaces, resulting in a 25% increase in user satisfaction.
- Collaborated with UX/UI designers, resulting in a 30% improvement in design engagement metrics.
- Integrated third-party APIs for payment processing and data visualization, enhancing platform functionality by increasing transaction processing speed by 25%.
- Carried out A/B testing, resulting in a 20% increase in conversion rates and revenue.
- Enforced responsive design principles, ensuring compatibility across various devices and screen sizes, resulting in a 20% increase in user engagement.

Education

California Polytechnic State University

Bachelor of Science in Computer Science

09/2011 - 05/2015

Skills

Program Languages: Golang · Solidity · Java · JavaScript · TypeScript · Python · C/C++ · Ruby

Frontend Technologies: React.js · Next.js · Angular · Vue.js · Tailwind · HTML5 · SCSS

Backend Technologies: Gin · Go-Fiber · Microservice · Node.js · Express.js · GraphQL · Subgraph · AWS Lambda







Blockchain Technologies: Ethereum · Smart Contracts · Web3.js · EVM · Solana · Cosmos-SDK · Tendermint · Hardhat · Truffle · Remix · Rust

Databases: MySQL · PostgreSQL · SQLite · MongoDB · Redis · Amazon RDS · NoSQL · SQL

Microservices Architecture:
Designing Microservices Architecture for scalability and maintainability · Implementing Microservices using best practices and patterns ·
Containerization of Microservices with Docker · Orchestration of Microservices with Kubernetes · Google Kubernetes Engine · Google BigQuery ·
Google Cloud Platform

Other: Docker · GIT · CI/CD · Unit/integration tests

Strengths

<div> Blockchain Proficiency</div> <div>Demonstrated expertise in blockchain technologies such as Cosmos-SDK and Tendermint, with a deep understanding of decentralized application development and smart contract implementation.</div>	<div> Golang Mastery</div> <div>Proficient in Golang, leveraging its capabilities to optimize backend processes and enhance system performance without compromising on reliability or scalability.</div>	<div> Fullstack Development Skills</div> <div>Strong capabilities in both front-end and back-end development, enabling the creation of end-to-end solutions that seamlessly integrate user interfaces with robust backend systems.</div>
<div> Microservices Architecture</div> <div>Possess extensive experience in architecting and deploying microservices-based architectures, ensuring scalability and resilience for high-performance applications.</div>	<div> Effective Collaboration</div> <div>Demonstrated ability to collaborate effectively with cross-functional teams, including designers, product managers, and stakeholders, to translate project requirements into actionable development plans and achieve successful outcomes.</div>	<div> Communication Skills</div> <div>Possess strong communication skills, enabling effective collaboration with colleagues, clients, and stakeholders to ensure clarity, alignment, and successful project outcomes.</div>