

Jacob Dong

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SUMMARY

Results-driven full-stack developer with expertise in frontend, backend, database management, and DevOps. Strong problem-solving abilities and a deep understanding of software architecture and design principles. Continuously updated with emerging technologies to drive innovation. Committed to delivering clean, maintainable code and exceeding project goals

EXPERIENCE

Senior Software Developer

EunoScript

September 2022 - Present, Quebec, QC

- Collaborated with a team of data scientists and engineers to design and deploy a scalable sentiment analysis solution, enhancing the overall user experience.
- Engineered a cloud-based microservices architecture that improved system scalability by 500%, handling rapid customer growth by leveraging technologies like Docker, Kubernetes, and AWS.
- Engineered a robust, scalable microservices architecture that supported a 300% increase in transaction volume for a high-traffic financial platform, utilizing technologies like Docker, Kubernetes, and gRPC for deployment efficiency and inter-service communication.

Full Stack Developer

Self-Employed

September 2022 - January 2023, Orange, CA

- Design and implementation of efficient databases, applications, and servers, ensuring scalable and reliable backend infrastructure to support client websites.
- Engineered a company-wide refactoring initiative for a legacy codebase, improving system efficiency by 35% and reducing bug occurrence by 50%, directly enhancing user experience and client satisfaction.
- Engineered a full-stack solution, integrating RESTful APIs, and developed a front-end using Angular and a back-end using Node.js, which supported a 30% increase in user engagement for an e-commerce platform.

Senior Software Developer

Atrium

April 2022 - September 2022, Las Vegas, NV

- Spearheaded the branding, design, and development efforts, resulting in visually appealing and intuitive web interfaces that drove user interaction and satisfaction.
- Played a vital role in maintaining and advancing both frontend and backend components of the Atrium platform, ensuring seamless functionality and optimized performance.
- Architected a robust, scalable microservices infrastructure for a high-volume SaaS platform, which handled over 500,000 transactions per day, improving system efficiency by 25% and reducing downtime by 15%.

Full Stack Developer

AvengersLab

August 2021 - April 2022, Nevada, CA

- Contributed ideas and suggestions in team meetings and delivered updates on deadlines, designs, and enhancements
- Authored code fixes and enhancements for inclusion in future code releases and patches

Full Stack Engineer

Stealth Startup

October 2019 - August 2021, London, UK

- Developed functional databases, applications, and servers to support the platform
- Created proofs of concept for innovative new solutions

Full Stack Engineer

Dove.it

November 2018 - October 2019, Milano, IT

- Participated in requirements gathering to solidify prerequisites and determine the best technical solution to meet business needs

Junior Software Engineer

Digital Partner

April 2017 - November 2018, London, UK

- Conducted data modeling, performance, and integration testing
 - Oversaw and implemented automated build and deployment pipelines
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EDUCATION

Bachelor of Science in Information Technology

Purdue University · West Lafayette, IN · 2016

SKILLS

JavaScript/Typescript, PHP, Node.js, Python, Java, Go, Ruby, .Net

React, Vue.js, Angular, Redux, HTML5, CSS, Laravel, Django, Ruby on Rails

React Native, Android, iOS

MySQL, MSSQL, Postgres, MongoDB

AWS, Lambda, EKS, Jenkins, Terraforms, Helm, Azure, GCP, Docker, K8