**Francisco Saravia**

**Senior Full Stack & Software Engineer**

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**SUMMARY\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

Dynamic and innovative Node.js Developer with extensive experience in building scalable server-side applications and deploying them in cloud environments. Proficient in designing and implementing efficient RESTful services, real-time communication applications, and cloud-native solutions using Node.js. Demonstrates strong problem-solving skills and a passion for pushing coding standards and cloud integrations to new heights.

**SKILLS\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

* Languages: JavaScript (ES6+), TypeScript
* Backend: Node.js, Express.js
* Databases: MongoDB, MySQL, PostgreSQL
* Cloud Platforms: AWS, Azure
* Tools: Docker, Jenkins, Git
* Others: REST API, GraphQL, Socket.IO, WebSockets
* Frontend: React.js, Angular (Basic), HTML5, CSS3

**EXPERIENCE\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Full Stack Engineer** HyperSense Software Inc **May 2021 – Presen**t Chicago, IL

* Led the development and deployment of high-traffic, real-time financial services web applications in AWS, handling over 100,000 transactions per day.
* Engineered and deployed 15+ microservices using AWS Lambda and Amazon ECS, enhancing system scalability and reducing operational costs by 50%.
* Designed and implemented robust RESTful APIs, facilitating seamless integration with other cloud-based services and data storage solutions.
* Partnered with AWS architects to implement best practices for cloud security and scalability.
* Utilized Docker and AWS Fargate for container management, streamlining development and deployment processes and reducing time-to-market by 35%.
* Completed integration projects using AWS Lambda and REST APIs, enhancing system functionality and user interaction.
* Led the CI/CD pipeline setup using Jenkins and GitLab, which shortened release cycles by 70% and improved code quality through automated builds, tests, and deployments.

***Full Stack Engineer***TXI **Apr 2015 – Apr 2021** Chicago, IL

* Developed and maintained high-traffic web applications using Java technologies, Tomcat, and JBoss, meeting stringent performance metrics.
* Advocated for and implemented CI/CD practices using Jenkins and AWS tools, improving deployment processes and development cycles.
* Led the migration of existing JavaScript projects to TypeScript, enhancing code quality and maintainability, and reducing runtime errors by 40%.
* Developed and maintained scalable Node.js applications, ensuring their compatibility with cloud environments like Azure and AWS.
* Optimized MongoDB and PostgreSQL databases for performance and high availability in cloud settings.
* Implemented Azure Active Directory for secure API access and user authentication.
* Spearheaded the migration of legacy systems to cloud platforms, leading to enhanced performance and scalability.

**EDUCATION\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

*University of Chicago (Sep 2009-Apr 2014*

*Master’s degree, Information Technology*