# JUSTIN GONZALES

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## PROFESSIONAL SUMMARY

Senior Full-Stack Software Engineer with 10+ years of experience in designing, developing, and optimizing highly scalable, distributed systems using **Node.js**, **Python/Django**, **Golang**, **React**, and **AWS**. Adept at architecting microservices, serverless solutions, and event-driven architectures, ensuring high availability, performance, and security. Passionate about cloud-native development, API optimization, DevOps automation, and AI-driven engineering solutions. Strong collaborator with a track record of mentoring teams, driving technical excellence, and leading enterprise-grade product development.

## TECHNICAL SKILLS

### Frontend Development:

✔ React (Next.js, Redux Toolkit, TypeScript) – Optimized state management, SSR/CSR, performance tuning

✔ Node.js (Express, NestJS, Fastify) – Server-side rendering, RESTful/GraphQL API development

✔ Micro Frontends & Component-Driven UI – React Hooks, reusable UI design, Webpack optimization

✔ Frontend Performance Optimization – Lazy loading, virtualized lists, Lighthouse audits

✔ Testing & Automation – Jest, React Testing Library, Cypress

### Backend & API Development:

✔ Node.js & Golang (gRPC, Fiber, Echo, Gin) – High-performance microservices and backend logic

✔ Python/Django (Django REST Framework, FastAPI) – Scalable API architecture, data pipelines

✔ Event-Driven Architecture (Kafka, RabbitMQ, AWS SNS/SQS) – Asynchronous processing, distributed Messaging

✔ Database & Storage (PostgreSQL, DynamoDB, Redis, MongoDB) – Query optimization, indexing, caching

✔ Authentication & Security (OAuth 2.0, JWT, OpenID Connect) – Role-based access control, encryption

### Cloud & DevOps:

✔ AWS (Lambda, ECS, S3, DynamoDB, API Gateway, Step Functions, CloudFormation, SageMaker)

✔ CI/CD (GitHub Actions, GitLab CI/CD, Terraform, AWS CodePipeline, Kubernetes, Docker)

✔ Infrastructure as Code (Terraform, AWS CDK, Helm) – Automated provisioning, scalable architecture

✔ Monitoring & Logging (AWS CloudWatch, Prometheus, Grafana, ELK Stack) – Performance insights,

observability

## PROFESSIONAL EXPERIENCE

### Razorvision Consulting | Senior Full Stack Software Engineer

📅 April 2023 – Present | 📍 Remote

* Led the development of AI-powered data analytics solutions, integrating **React**, **TypeScript**, **Next.js**, **Node.js**, **Golang**, and **AWS** for real-time insights.
* Architected serverless microservices on **AWS Lambda** & **API Gateway**, reducing operational costs by 25%, designing scalable infrastructure with **AWS ECS** (**Fargate**), optimizing cloud resource utilization.
* Built high-performance **REST** and **GraphQL** APIs in **Golang** and **Django**, improving response times by 30%.
* Implemented CI/CD automation using **GitHub Actions** and **Terraform**, accelerating deployment cycles by 3x.
* Developed real-time streaming analytics pipelines using **Kafka**, enabling low-latency event processing.

### Infojini | Senior Software Engineer

📅 November 2020 – April 2023 | 📍 Remote

* Designed and developed a multi-tenant SaaS platform using **React**, **Python/Django**, and **Node.js**.
* Migrated legacy monolithic applications to microservices-based architecture using **Golang**, improving scalability.
* Developed an advanced authentication and authorization system with **OAuth 2.0** and **JWT**, securing API access.
* Built event-driven messaging solutions with **AWS SNS** and **SQS**, improving system resilience.
* Optimized cloud costs by 35% through containerization and serverless computing on **AWS Lambda**.
* Led a team of engineers, providing mentorship on best practices for full-stack development.

### Instacart | Senior Backend Engineer

📅 August 2017 – November 2020 | 📍 San Francisco, CA

* Developed and scaled Instacart’s real-time grocery ordering system using **Node.js**, **Golang**, and **AWS**.
* Built React-based order tracking dashboards, reducing customer support inquiries by 30%.
* Created event-driven microservices with **AWS Lambda** and **DynamoDB**, ensuring high availability.
* Designed AI-powered recommendation engines using **Python** and **TensorFlow**, improving product discovery.
* Integrated **Stripe** and **Plaid** for secure payment processing, increasing transaction success rates.
* Implemented caching strategies using **Redis**, reducing API latency by 40%.

### Xero | Software Engineer

📅 September 2014 – August 2017 | 📍 Denver, CO

* Designed and implemented cloud-based accounting solutions using **React**, **Django**, and **AWS**.
* Built a distributed invoicing system in **Golang**, handling millions of financial transactions.
* Developed a tax automation platform using **Django REST** Framework, simplifying compliance for businesses.
* Migrated monolithic finance applications to microservices, reducing infrastructure costs by 30%.
* Created scalable data pipelines with **AWS Kinesis** and **Lambda**, improving real-time financial reporting.
* Led technical design discussions, mentoring junior engineers on system architecture and best practices.

## EDUCATION

🎓 Bachelor’s Degree in Computer Science | Lehigh University | 2010 – 2014