

JUAN DOUGH

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EMPLOYMENT

Full Stack Developer

TechCorp Solutions | 2020 – Present

- Developed scalable web applications using React.js, Node.js, and MongoDB, increasing performance by 40%.
- Optimized workflows by implementing RESTful APIs and GraphQL endpoints, improving efficiency.
- Collaborated with UX/UI designers to enhance user experience, resulting in a 25% increase in engagement.
- Documented technical processes, reducing onboarding time for new developers by 30%.

Backend Developer

Innovatech Labs | 2018 – 2020

- Designed and implemented microservices architecture, reducing system downtime by 50%.
- Integrated secure third-party APIs for real-time data synchronization using OAuth2.
- Utilized Docker and Kubernetes for containerized deployments, cutting infrastructure costs by 20%.
- Maintained 95% unit test coverage with Jest and PyTest, improving system reliability.

Software Engineering Intern

Startupify Inc. | 2017 – 2018

- Assisted in developing a real-time chat application using WebSockets and Node.js.
- Created API documentation, improving third-party integration efficiency.
- Participated in Agile sprint planning, contributing to 10 successful feature launches.

EDUCATION

M.S. in Computer Science

Stanford University | 2015 – 2017

GPA: 3.9/4.0 – Graduated with Honors., Research focused on distributed systems and scalable cloud computing., Relevant Courses: Advanced Algorithms, Cloud Computing, Machine Learning.

B.Sc. in Software Engineering

California Institute of Technology | 2011 – 2015

GPA: 3.8/4.0 – Dean's List., Relevant Courses: Operating Systems, Software Architecture, Data Structures.

TECHNICAL PROJECTS

Cloud-Based Inventory Management System

2022

- Built a scalable inventory management platform using AWS Lambda and DynamoDB.
- Optimized database indexing and caching strategies, reducing query latency by 40%.
- Designed a user-friendly dashboard in Vue.js, increasing client satisfaction by 35%.

E-Commerce Recommendation Engine

2021

- Implemented a recommendation algorithm using Python and TensorFlow, increasing sales by 15%.
- Integrated into an e-commerce platform via Flask APIs.
- Deployed model on AWS EC2 for real-time product recommendations.

SKILLS

- Programming: Python, JavaScript, Java, C++
- Frontend: React.js, Vue.js
- Backend: Node.js, Flask, Express.js
- Cloud & DevOps: AWS, GCP, Docker, Kubernetes, Terraform
- Databases: PostgreSQL, MySQL, MongoDB, DynamoDB
- Testing & Tools: Git, Selenium, Jest, PyTest, Jenkins, CircleCI
- Other Skills: Agile Methodologies, RESTful APIs, GraphQL