

# John Doe

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## Education

Master of Science in Computer Science: University of California, Berkeley | 2019 - 2021

Bachelor of Technology in Information Technology: Indian Institute of Technology, Delhi | 2015 - 2019

## Projects

### Smart Home Automation System

Engineered a Raspberry Pi and Arduino-based home automation system with voice control and remote monitoring using a React front-end.

### E-commerce Web Application

Built a scalable MERN stack application with integrated Stripe payment gateway and real-time chat support.

### DevOps Monitoring Dashboard

Implemented a Grafana and Prometheus-based dashboard for real-time metrics monitoring and alerting.

### Chatbot for Customer Service

Created a Rasa-powered chatbot that handles common queries for a telecom provider, reducing ticket load by 40%.

### Automated Code Review Tool

Developed a Python tool that uses static analysis and GPT to provide comments on code quality and documentation.

### Stock Market Predictor

Built a machine learning model using LSTM to forecast stock prices using historical data.

## Work Experience

### Software Engineer: Google | Mountain View, CA | 2021 - Present

- Designed and maintained backend microservices for Google Cloud Platform.
- Led the migration of internal tools to Kubernetes, improving deployment efficiency.
- Collaborated with cross-functional teams to develop scalable APIs.

### Software Development Intern: Adobe Systems | Noida, India | Summer 2018

- Built internal dashboards for tracking user engagement metrics.
- Worked on performance improvements for document rendering engine.

## Skills

### Programming Languages:

Python, JavaScript, Java, C++

### Web:

HTML, CSS, React.js, Node.js

### Database:

MySQL, MongoDB, PostgreSQL

### Tools / Frameworks / Platforms:

Docker, Kubernetes, Git, AWS, TensorFlow, PyTorch

### Cloud Services:

AWS (EC2, S3, Lambda), Google Cloud Platform, Firebase

### DevOps & CI/CD:

Jenkins, GitHub Actions, Terraform, Prometheus, Grafana

## Other Interests and Achievements

- Winner of ACM ICPC Regional 2018
- Open-source contributor to multiple GitHub repositories
- Avid chess player and marathon runner