

John Doe

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LinkedIn | GitHub | GitLab | Portfolio | StackOverflow | Medium | Dev.to | HackerRank | CodePen | Twitter | Discord

EDUCATION

• University of California, Berkeley <i>Master of Science in Computer Science</i>	Berkeley, CA 2023 – 2025
• University of California, Los Angeles <i>Bachelor of Science in Computer Science</i>	Los Angeles, CA 2015 – 2019
• High School Name <i>Higher Secondary Course (Class XI–XII)</i>	City, State 2013 – 2015
• Middle School Name <i>Matriculation (Class I–X)</i>	City, State 2003 – 2013

EXPERIENCE

• Tech Solutions Inc. <i>Lead Software Engineer</i>	Remote Jan 2024 – Dec 2024
<ul style="list-style-type: none">Orchestrated cloud infrastructure deployments and managed CI/CD pipelines for various projects.Implemented robust monitoring and alerting solutions, ensuring high availability and performance.Designed and maintained scalable backend services, optimizing for efficiency and reliability.Collaborated with cross-functional teams to integrate AI models into production environments.	
• Global Innovations <i>Software Development Engineer</i>	Remote Jan 2023 – May 2023
<ul style="list-style-type: none">Built responsive and performant user interfaces using React and Redux, enhancing user experience and reducing load times.Integrated RESTful APIs and optimized frontend data fetching strategies, improving application responsiveness.Implemented component-based architecture, promoting reusability and maintainability across the application.Conducted A/B testing and user feedback analysis to iterate on UI/UX designs.	
• InnovateTech Solutions <i>Software Development Engineer II</i>	San Francisco, CA Jan 2022 – Oct 2022
<ul style="list-style-type: none">Designed and implemented scalable microservices using Spring Boot and Node.js, supporting high-traffic applications.Developed robust APIs with comprehensive documentation, facilitating seamless integration with frontend and third-party services.Managed and optimized PostgreSQL and MongoDB databases, ensuring data integrity and query performance.Implemented message queues with Kafka for asynchronous processing, improving system resilience and throughput.	
<i>Software Development Engineer I</i>	Oct 2020 – Dec 2021
<ul style="list-style-type: none">Managed cloud infrastructure on AWS, automating deployments with Infrastructure as Code (IaC) principles.Configured and maintained CI/CD pipelines using Jenkins for continuous delivery.Implemented comprehensive monitoring and logging solutions with Prometheus and ELK stack.Ensured system security and compliance through regular audits and vulnerability assessments.	
• DevConnect Systems <i>Senior Software Developer</i>	New York, NY Apr 2020 – Oct 2020
<ul style="list-style-type: none">Led a team of software engineers in developing enterprise-grade applications.Designed and implemented architectural patterns for microservices and distributed systems.Provided technical leadership and mentorship to junior team members.Drove the adoption of best practices in code quality, testing, and deployment.	
<i>Software Developer</i>	Feb 2019 – Mar 2020
<ul style="list-style-type: none">Developed responsive and interactive user interfaces using React and modern JavaScript frameworks.Integrated third-party APIs and libraries to extend application functionality.Conducted thorough unit and integration testing to ensure code reliability.Participated in agile ceremonies, contributing to sprint planning and feature discussions.	
<i>Software Development Intern</i>	Jul 2018 – Feb 2019
<ul style="list-style-type: none">Assisted in the development of data processing scripts using Python for machine learning pipelines.	

- Performed data cleaning and preprocessing for various analytical tasks.
- Gained exposure to cloud platforms (AWS) and version control (Git).
- Supported the team in ad-hoc tasks and documentation efforts.

• Data Insights Co.

Student Intern

Austin, TX

Jul 2017 – Aug 2017

- Conducted market research and analyzed competitive landscapes to inform product strategy.
- Developed data-driven reports and visualizations to present key business insights.
- Assisted in maintaining and optimizing data warehousing solutions.
- Collaborated with senior analysts to refine data collection and analysis methodologies.

PROJECTS

Project Alpha - Data Visualization Tool

Feb 2023 – Present

Engineered a multi-tab interface supporting raw and collapsible tree views, enabling efficient formatting, visualization, and real-time error handling. Features include a side-by-side diff tool and cross-language code generation.

FOSS Navigator

Mar 2023 – Present

Developed FOSS Navigator, a tool providing comprehensive health reports for FOSS projects with detailed metrics and scoring for README files.

EventSphere

Feb 2024 – Feb 2024

Created a lightweight, self-hosted RSVP system using Cloudflare Workers. This system allows users to create events, generate unique RSVP links, and securely collect responses via Cloudflare KV.

Sales Prediction Model using Machine Learning

Jun 2023 – Jun 2023

Developed a business forecasting model in R, utilizing linear regression with extensive EDA and visualization to analyze global sales, customer behavior, and revenue patterns, delivering actionable insights.

AI-Powered Product Mockup Generator

Feb 2023 – May 2023

Designed and implemented a UI-based automation tool for product photography, leveraging open-source generative AI technologies like Stable Diffusion and Mid Journey, with a Python backend and React frontend.

Modular UI Components Library

Mar 2021 – May 2021

Developed a library of custom input types, allowing for native HTML input tag customization without requiring JavaScript. This library is available as an NPM package.

Dynamic Quote Widget for Profiles

Nov 2020 – Present

Contributed to an open-source project, a GitHub Dynamic Quote Generator, which displays a dynamic quote for every user visiting a GitHub profile by simply adding an image link in the README.md.

Smart Waste Management System with IoT

Nov 2018 – May 2019

Developed an IoT-based indoor garbage collection system featuring smart bins that notify a collector robot via an indoor positioning system for automated waste management.

Secure Online Banking Platform

Oct 2018 – Nov 2018

Built an internal e-banking web application enabling money transfers and transaction monitoring. The application used Bootstrap for the frontend, PHP for the backend, and MySQL for the database.

Restaurant Online Ordering System

Jul 2018 – Aug 2018

Developed an online food ordering portal for a restaurant chain using the MEAN stack with Bootstrap and jQuery, integrating online payment and streamlined order management functionalities.

IoT-Based Fleet Tracking and Alert System

Jul 2018 – Aug 2018

Implemented an IoT-based system with Raspberry Pi and a MIT App Inventor application to notify truck drivers via GSM about the location of filled dustbins for efficient garbage collection.

Animal Sanctuary Management System

Sep 2017 – Nov 2017

Created a web application for zoo management, focusing on animal feeds, using HTML, CSS, JavaScript for the frontend, PHP for the backend, and MySQL as the database via XAMPP server.

Robotics Project: Obstacle Avoidance

Sep 2017 – Oct 2017

Developed an Obstacle Detection and Avoidance Robot using Arduino Uno and Ultrasonic Sensors for a mini-project in Embedded Systems, showcased at the RRCE - CSE Dept Level Project Expo.

SKILLS

Languages	Python, TypeScript, Go, Rust, Java, C++
Frameworks	PyTorch, TensorFlow, React, Next.js, FastAPI, Spring Boot, Gin, Kubernetes, Docker Compose
Databases	PostgreSQL, MongoDB, Redis, Cassandra, Snowflake
Cloud Platforms	AWS (EC2, S3, Lambda, EKS), Google Cloud (GCP), Azure
DevOps Tools	Docker, Kubernetes, Terraform, Ansible, Jenkins, GitLab CI, Prometheus, Grafana
Frontend Tech	HTML5, CSS3, WebAssembly, WebGL, GraphQL (Apollo/Relay)
Machine Learning	Scikit-learn, Pandas, NumPy, OpenCV, NLP (Hugging Face)
Version Control	Git, GitHub Actions, GitLab
Testing	Pytest, Jest, React Testing Library, JUnit, Postman
Operating Systems	Linux, macOS, Windows
Methodologies	Agile, Scrum, Kanban, Test-Driven Development (TDD)

DECLARATION

I sincerely proclaim that all the facts in my resume are accurate, and I am responsible for their accuracy.



John Doe