

# John Doe

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## EXPERIENCE

### Full Stack Developer

*InnovateTech Inc.*

Jan. 2023 – Present

*(Remote) Austin, TX, USA*

- Develop and maintain high-performance web applications that process large volumes of real-time data for enterprise clients in finance and healthcare sectors, ensuring scalability, reliability, and strong security compliance.
- Design and implement RESTful APIs and backend services using Node.js, Express, and PostgreSQL, focusing on efficient query optimization, secure authentication, and modular code organization.
- Build modern, accessible, and mobile-friendly user interfaces with React and TypeScript, integrating component libraries and state management tools to streamline development.
- Integrate third-party APIs, cloud services, and custom microservices to extend system capabilities, including user analytics, payment gateways, and cloud storage synchronization.
- Collaborate closely with designers, QA engineers, and product managers to translate complex business needs into technical deliverables with measurable performance improvements.

### Software Engineering Intern

*BrightLabs Software*

Jun. 2022 – Dec. 2022

*Seattle, WA, USA*

- Assisted in the development and testing of a cloud-based analytics platform serving over 10,000 business users, helping optimize internal reporting pipelines and improve dashboard performance by 25%.
- Designed and implemented interactive dashboards using D3.js and Chart.js, allowing customers to visualize financial and operational KPIs in real time.
- Optimized SQL queries and database indexing strategies in PostgreSQL, resulting in a measurable decrease in average query time and improved overall scalability.
- Contributed to code reviews, issue tracking, and documentation processes through GitHub, ensuring consistent code quality and smoother team collaboration.
- Supported the migration from a monolithic to a microservices-based architecture using Docker and Kubernetes, gaining hands-on experience with containerization and CI/CD pipelines.

### Research Assistant

*University of Metropolis*

Aug. 2020 – May 2022

*New York, NY, USA*

- Developed automated data processing pipelines in Python to clean, transform, and analyze large datasets for machine learning experiments in predictive modeling and text classification.
- Implemented and tuned ML models using Scikit-learn and TensorFlow to identify trends in academic and social datasets, achieving up to 92% accuracy in pilot studies.
- Designed visual analytics tools with Flask and Plotly, improving communication of results to non-technical stakeholders and simplifying decision-making for researchers.
- Collaborated on writing and editing technical papers, presenting research findings at regional conferences, and contributing to a peer-reviewed journal publication.
- Automated experiment tracking and data logging to improve reproducibility and research workflow consistency using MLflow and Pandas.

## EDUCATION

### City Institute of Technology

*Master's degree in Artificial Intelligence*

Boston, MA, USA

*Sep. 2024 – Present*

### University of Metropolis

*Bachelor's degree in Computer Science*

New York, NY, USA

*Sep. 2018 – Jun. 2022*

## SKILLS

**Languages:** Python, JavaScript, TypeScript, Java, SQL, HTML, CSS

**Frameworks and Libraries:** React, Node.js, Express, Flask, Django, TensorFlow, Scikit-learn, Pandas

**Other:** Docker, AWS, PostgreSQL, MongoDB, Git, GitHub, CI/CD, Agile, Linux, REST APIs, Data Visualization, Automated Testing, Cloud Computing, Machine Learning