

# Aditya Lamba

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## SUMMARY

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Software Developer with 4+ years of professional experience, offering expertise in front end development, web development, user engagement, and product optimization. Proven track-record of developing products with an emphasis on improving application efficiency and user experience. Expertise in JavaScript, TypeScript, React and Angular.

## TECHNICAL SKILLS

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**Languages:** HTML, CSS, JavaScript, TypeScript, Python, Bash Shell  
**Front-End:** React, Angular, Redux, Figma, Bootstrap, D3.js, JSON, RxJS, DOM, Web APIs  
**Database:** MongoDB, Mongoose, PostgreSQL, SQL  
**Tools:** Docker, Kubernetes, Jenkins, CI/CD, Postman, Node.js, Express.js, Git

## PROFESSIONAL EXPERIENCE

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**Coalfield Development** | West Virginia, U.S.A

Full Stack Engineer Intern

May 2023 – Present

- Oversaw the development of a \$150k application, architecting backend solution to support 500 early-stage users and creating a responsive web design, achieving 90% user satisfaction.
- Created responsive web designs using Figma and dynamic React Interfaces with Material UI components enhancing user engagement by 30% and increasing web accessibility standards by 40%.
- Utilized React Hooks and Redux for efficient state management, optimizing application performance by 25%
- Developed MongoDB schemas and REST APIs with Node.js & Express.js, ensuring seamless integration with front-end.

**Infosys Ltd** | Pune, India

Senior Software Developer

April 2020 – December 2021

- Developed a highly scalable, cross-browser compatible web application using Angular, TypeScript for service disruption tracking, which contributed to saving \$100k by boosting query resolution.
- Implemented bulk upload processes by using OpenCV in JavaScript, enabling the efficient handling of up to 50,000 consignments per upload through advanced algorithmic solutions.
- Developed and streamlined a CI/CD pipeline using Jenkins, integrated with Docker for containerization and Kubernetes for orchestration, achieving seamless deployment across 7 applications.
- Collaborated on 5 Agile Methodology projects, addressing complex issues in real-time with clients and development teams.

**Infosys Ltd** | Pune, India

Software Developer

May 2018 – April 2020

- Enhanced application security by implementing Oath 2.0 authentication with Okta and configuring Angular HTTP interceptors to fortify security protocols.
- Achieved 85% code coverage and fixed issues by writing unit test cases using Karma and Jasmine for five applications.
- Developed user interface of HR Portal using JavaScript framework in test driven development, increasing user engagement by 20%.

## EDUCATION

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**Master of Science in Computer Science**

December 2023

Arizona State University, Arizona, U.S.A

**Bachelor of Technology in Electrical and Electronics Engineering**

May 2018

SRM University, India

## PROJECTS

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**COVID Analyzer (Master's Project Data Visualization)** [GitHub](#) / [Live Page](#)

August 2022 – December 2022

- Visualizes the pandemic's impact on New York counties through six responsive, interactive graphs using D3.js, Python, and Ajax, offering critical insights for healthcare and policy decision-making.

**NYC Taxi Graph Analysis** [GitHub](#)

January 2023 – May 2023

- Utilized Docker, Kubernetes, and PostgreSQL to deploy graph data processing, implementing node and BFS algorithm.
- Proficiently set up Docker containers, integrated neo4j GDS plugin and executed graph analysis in distributed setup.