

# Aditya Lamba

Jersey City, NJ • 602-582-8195 • adityalamba19@gmail.com • [LinkedIn](#) • [GitHub](#) • [Portfolio](#)

## TECHNICAL SKILLS

---

**Languages:** HTML, CSS, JavaScript, Typescript, Python, jQuery, C/C++  
**Front-End:** React, Angular, Redux, Figma, Bootstrap, D3.js, Tailwind CSS, JSON, RxJS, DOM, Rest APIs, JWT  
**Database:** MongoDB, Mongoose, Postgres, SQL  
**Tools:** Docker, Kubernetes, Jenkins, CI/CD, Node.js, Express.js, Git, AWS

## PROFESSIONAL EXPERIENCE

---

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

Full Stack Developer Intern

May 2023 – December 2023

- Led the development of a critical organization application within \$150k budget, resulting in 30% improvement in operational efficiency.
- Efficiently designed user interfaces using Figma for diverse user groups, leading to a 25% increase in user interaction and usability.
- Utilized React and Material UI for front-end development, delivering an application with a 50% faster response time and greatly improved user experience.
- Implemented a complex journal module and data visualization using nivo library in React, enhancing user activity tracking, contributing to a 20% increase in accurate performance assessments.
- Facilitated improved goal setting and coursework management, resulting in a 40% increase in user satisfaction.
- Developed robust MongoDB schemas and APIs using Node.js/Express.js, which improved data management efficiency by 15% and ensured seamless integration across modules.

**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

---

**Master of Science in Computer Science**

Arizona State University, Arizona, U.S.A

December 2023

GPA – 3.55/4

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

SRM University, India

May 2018

## PROJECTS

---

**COVID Analyzer** [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.