

EDUCATION & CERTIFICATIONS

Master of Science in Computer Science, Stevens Institute of Technology

May 2024 | Hoboken, USA

Coursework: Web Programming, Agile Software Development, Data Structures, Design Patterns

GPA: 3.7

SKILLS

Languages: JavaScript, Python, TypeScript, Java

Frameworks: React, Node.js, Django, Next.js, Express, GraphQL, FastAPI, API Development, REST, Microservices

Cloud & DevOps: AWS, Docker, Kubernetes, Git, Terraform, Jenkins, GitLab CI/CD, Microsoft Azure

Databases: MySQL, DynamoDB, PostgreSQL, MongoDB, Redis

Certifications:

[AWS Certified Solutions Architect – Associate \(SAA-C03\)](#)

[HashiCorp Certified: Terraform Associate \(003\)](#)



WORK EXPERIENCE

Software Engineer

June 2024 – Present

Changing the Present | Node.js, JavaScript, React, Redux, Express, PostgreSQL, AWS, Terraform

New York, United States

- Led the development and optimization of RESTful APIs using Node.js and Express, improving response times by 30% & enabling the platform to handle 10,000+ additional daily transactions while maintaining high code quality
- Engineered a scalable web application with React and Redux, enhancing user experience by reducing page load times, which reduced 15% user drop-off and supported a robust user base of over 20,000 active monthly users
- Streamlined cloud infrastructure deployments on AWS using Terraform, achieving rapid deployment cycles that empowered the team to push critical updates 40% quicker, leading to improved user engagement and maintaining a high platform uptime

Software Engineer

March 2022 – Sept 2022

Promotehour | Next.js, React, Redux, GraphQL, Express, PostgreSQL, Jenkins, Docker, AWS

Mumbai, India

- Architected a scalable web application using Next.js and React, leveraging server-side rendering to enhance SEO and improve initial load times by 50%, resulting in a smoother user experience for over 20,000 monthly active users and a significant increase in organic traffic
- Implemented state management with Redux to effectively manage complex application states, which streamlined data flow and improved maintainability. This consolidation led to a 30% reduction in code complexity and a 25% decrease in onboarding time for new developers
- Integrated GraphQL for efficient data fetching, enabling the application to dynamically request only the necessary data, which reduced payload sizes by 40% and improved rendering performance for interactive components, significantly enhancing user interactions

DevOps Engineer (Product Team)

March 2021 – March 2022

Sigmoid | Python, Node.js, Docker, Kubernetes, Jenkins, Kafka, Redis, Terraform, AWS, PostgreSQL

Bengaluru, India

- Scaled the company’s core application to handle an additional 500,000 concurrent users by designing and implementing a microservices architecture using Docker and Kubernetes, eliminating single points of failure and reducing downtime by 10 hours per quarter
- Reduced release cycle time from 2 hours to 30 minutes by automating CI/CD pipelines with Jenkins & GitLab, resulting in 120 successful automated deployments per month with zero critical errors, freeing up 20 developer hours weekly
- Increased real-time data processing capacity by 500,000 events per second by integrating Kafka into backend services built with Python and Node.js, ensuring reliable, low-latency performance for enterprise customers
- Improved API response times from 300ms to 150ms and reduced database load by 50%, supporting 1 million daily active users by implementing Redis and Memcached caching strategies, leading to a 30% reduction in server costs

Software Engineer Intern(RPA),

June 2019 – August 2019

Feat Systems | Python, Django, OAuth, React, Git

Mumbai, India

- Developed and deployed backend services using Django, integrating with React components, which improved system efficiency and reduced API response times by 40% for over 10,000 daily users
- Created Python-based automation tools that eliminated repetitive tasks, resulting in a 25% increase in team productivity and saving 15 developer hours per week

PROJECTS

Fast API E-Commerce Application | FastAPI, React, PostgreSQL, Docker

- Developed a full-stack e-commerce application using **FastAPI** for backend and **React** for front-end, enhancing user experience and reducing response times by 30%
- Set up **PostgreSQL** for data management, optimizing database queries and reducing load times by 25%

Full-Stack E-Learning Platform | Django, Next.js, React, Tailwind CSS, PostgreSQL, AWS

- Developed a full-stack e-learning platform using **Django** for the backend and **Next.js** with **React** for the front-end, enhancing user interactions and performance
- Implemented **Tailwind CSS** for responsive design, improving mobile experience and reducing styling time by 30%