

Sai Arunabh Roy

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PROFESSIONAL SUMMARY

Enthusiastic and innovative Frontend Developer with a Master's degree in Information Systems, specializing in modern web technologies and frameworks. Demonstrated expertise in improving user experience and website performance. Passionate about leveraging my skills and committed to delivering impactful web solutions with a collaborative approach.

EDUCATION

Master's in Information Systems
University of Utah, Salt Lake City, Utah

Graduation: December 2023

Bachelor's in Electronics and Communication Engineering
Nitte Meenakshi Institute of Technology, Bengaluru, India

Graduation: July 2021

WORK EXPERIENCE

Frontend Developer
University of Utah Campus Store

July 2023 - Present
Salt Lake City, Utah

- Revamped the Campus Store's website UI/UX using a diverse range of modern web frameworks, including SuiteCommerce and SuiteScript 2.0, leading to a 20% reduction in bounce rate and a 15% increase in session duration.
- Enhanced A/B testing and SEO strategies, achieving a 40% rise in organic traffic and a 35% increase in online sales in two months, alongside integrating a customer feedback loop for continuous improvement.
- Led CI/CD pipeline integration using Jenkins, reducing deployment time and boosting team productivity by 30%.

Web Developer
IBM

February 2021 - November 2022
Bengaluru, India

- Engineered the Security Automation web application using React and Node.js, optimizing system architecture leading to 40% increase in operational efficiency with significant improvement in real-time security response capabilities.
- Developed a Firewall Security Dashboard with Angular, leading to a 30% faster security response and management.
- Integrated IBM's DevSecOps in the DevOps lifecycle, using microservices architecture and Kubernetes orchestration. This strategic move enabled 30% quicker deployment cycles and accelerated project delivery by 20%.

Application Developer
NMIT

February 2018 - January 2021
Bengaluru, India

- Spearheaded the development of a dynamic, user-focused web application utilizing HTML/CSS, JavaScript, and Python, achieving a notable 25% increase in user engagement and a 20% growth in daily active users.
- Implemented Django and deep learning for personalized content, leading to a 50% rise in user satisfaction.
- Led migration to a scalable architecture, improving website performance by 40%, boosting code quality with Git.

PROJECT EXPERIENCE

Suburban Outfitters

August 2023 - December 2023

- Designed an online shopping platform leveraging PHP, JavaScript, jQuery, Bootstrap and MySQL, enhancing user convenience, personalized customer experiences, real-time order tracking, and inventory management.

Face Recognition and Mask Detection System

December 2020 - June 2021

- Led the development of a face mask detection system with 95% accuracy using deep learning, and integrated it into a web platform with Django, leveraging JavaScript, Python, HTML/CSS and MongoDB to store real-time data.

SKILLS

Frontend Development
Backend Development
Tools & DevOps
Certifications

React, Angular, JavaScript, TypeScript, SuiteScript, Sass, Bootstrap, AJAX, jQuery
Node.js, Python, Ruby, Java, C#, PHP, SQL/NoSQL, Bash, MySQL, MongoDB
Jenkins, Git, Docker, Kubernetes, WordPress, WebKit, SQLite, InSite, Splunk
AWS Certified Solutions Architect - Associate, CCNA, CompTIA Security+