

ARYAMAN RISHABH

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WORK EXPERIENCE

New York University Software Engineer

New York, NY
July 2024 – Present

- **Developed** a student appointment booking platform using the **T3 stack (Next.js, TypeScript, Tailwind, tRPC)**, improving scheduling efficiency and reducing manual coordination by 25%.
- Optimized API performance with **tRPC** and **Prisma**, reducing database query times by 35% and improving real-time scheduling efficiency for 50+ tutors.
- Enhanced asset delivery using **AWS CloudFront** and **S3**, cutting page load times by 20%.
- Managed **AWS EC2** deployments, optimizing CI/CD processes to reduce downtime by 15%.

AMAHA Software Engineer

Remote
December 2021 – August 2023

- Optimized application performance and SEO using **Next.js** server-side rendering (SSR), resulting in a 24% faster page rendering time and a 55% increase in search engine visibility.
- Spearheaded a comprehensive codebase refactor in **JavaScript** and **TypeScript**, improving application performance by 35% and reducing technical debt by 25%.
- Ensured cross-browser compatibility, responsive design using **CSS3**, **TailwindCSS**, **styled-components** and **Framer Motion**, boosting UX and performance metrics by 30%.
- Mentored interns and junior developers in **Agile** methodologies, improving feature delivery efficiency by 20%.
- Conserved payment gateway costs by optimizing third-party scripts, reducing credit consumption by over 12%.

Software Engineer Intern

September 2021 – November 2021

- Reduced data processing errors by 25% and improved website performance by 10% by optimizing asynchronous requests and API calls using **JavaScript** and **Axios**.
- Constructed a real-time chat module with **Firebase**, enabling communication for 500+ simultaneous users.
- Improved **UI/UX Design**, cutting navigation times by 20% through animations and streamlined layouts.

EDUCATION

NEW YORK UNIVERSITY Master of Science in Computer Science

New York, NY
May 2025

AMITY UNIVERSITY Bachelor of Technology in Computer Science and Engineering

Noida, India
July 2021

PROJECTS

Swipply - Modern Job Search Platform

January 2024 – May 2024

- Employed **Elasticsearch** to generate personalized recommendations, enhancing match relevance by 25%.
- Orchestrated CI/CD pipelines with **AWS CodeDeploy** and **CodePipeline**, streamlining deployment processes and reducing time to market by 20%.
- Streamlined DNS management with **AWS Route 53**, boosting domain reliability and performance.
- Leveraged **SQS** for asynchronous processing, optimizing resume parsing and boosting efficiency by 30%.

ON MY OWN OF MICHIGAN Software Engineer Intern

New York, USA
September 2023 – March 2024

- Developed a goal tracking dashboard for special needs students using **React.js**, improving their progress tracking and reporting by 30% through effective collaboration with cross-functional teams.

TECHNICAL SKILLS

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

Frameworks: React, Redux, Next.js, Node.js, Tailwind CSS, Styled-components, tRPC, Flask

Tools & Technologies: Git, Docker, AWS (EC2, S3, Lambda, CloudFront, SQS, Elasticsearch), Kubernetes

Databases: PostgreSQL, Firebase, MongoDB, DynamoDB