ARYAMAN RISHABH

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WORK EXPERIENCE

New York University   *New York, NY*
Software Engineer   *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%.
- Integrated **REST APIs** with secure authentication (**OAuth 2.0**) to enhance user login reliability across frontend and backend services.
- Implemented API rate limiting and throttling strategies, improving backend security and ensuring consistent performance during traffic spikes.
- Built secure authentication and authorization layers across student-facing portals, improving data protection, and platform adoption rates by 20%.

AMAHA   *Remote*
Software Engineer   *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**, **Tailwind, styled-components and Framer Motion**, boosting UI/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   *New York, NY*
Master of Science in Computer Science   *May 2025*

AMITY UNIVERSITY   *Noida, India*
Bachelor of Technology in Computer Science and Engineering   *July 2021*

TECHNICAL PROJECTS

Swipply - Modern Job Search Platform   *January 2024 – May 2024*
- Employed **Elasticsearch** to generate personalized recommendations, enhancing match relevance by 25%.
- 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   *New York, USA*
Software Engineer Intern   *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, Styled-components, Zustand, tRPC, Flask
Tools & Technologies: Git, Docker, AWS (EC2, S3, Lambda, CloudFront, SQS, Elasticsearch), Kubernetes
Databases: PostgreSQL, Firebase, MongoDB, DynamoDB