

Nicholas Ramkissoon

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Portfolio + Blog: <https://nkrkn.me>

Summary

I am a results-driven, full-stack software engineer with expertise in TypeScript and Next.js/React web application development and interests in a wide range of domains such as developer tools and education, OS and database internals, and UI design.

Work Experience

Uploadjoy - Founding Software Engineer

August 2022 - Present

- Built an object storage service backed by S3 + Cloudfront with accompanying TypeScript client SDK, React component library, API documentation site, and Next.js web application to improve the developer experience when implementing file uploads in web applications
- Implemented CI/CD with automated versioning and publishing for client SDK with GitHub Actions
- Developed a rich feature set including public and private uploads, CDN distribution, object folder heirarchies, upload event webhooks, and usage and metrics views

Guest Guru - Software Engineer (Contract)

April 2023 - June 2023

- Built features for AI-driven short-term rental guest communication platform in Next.js
- Optimized AI prompts to provide more accurate responses to guest inquiries about a property
- Refactored styles to TailwindCSS to ensure style consistency among different React components
- Built feature that allowed host to tune AI responses with extra information about a property

Lloyd & Sons. Inc - Construction Project Manager

August 2021 - August 2022

- Drove several six figure outdoor residential construction projects to completion in NYC area
- Introduced documentation practices and planning techniques found in agile software teams to build internal knowledge base for knowledge transfer and onboarding
- Assisted in planning milestones, cost estimation, and measurement verification prior to fabrication
- Wrote technical documents and shop drawings required for fabrication and architect approval

Amazon.com Inc. - Software Development Engineer

February 2021 - June 2021

- Designed and implemented AWS Glue/Apache Spark-based metrics aggregation logic and ETL data pipeline for device reconnect session events
- Implemented API changes in Java backend server to enable new device reconnect features
- Built metric dashboards in Kibana for device partner teams to have visibility into how their devices performed during setup and reconnect flows

Amazon.com, Inc. - Software Development Engineer Intern

June 2020 - August 2020

- Implemented REST API for handling user WiFi credentials in DynamoDB during device setup
- Updated team documentation leading to faster new developer environment setup

Education

New York University: B.A. Computer Science and Economics (3.7 GPA)

Sept. 2016 - Dec. 2020

Skills

Programming Languages: JavaScript, TypeScript, C/C++, Java, HTML, CSS

Frameworks and Tools: MySQL, PostgreSQL, SQLite, Prisma, Redis, NoSQL, TailwindCSS, React, Next.js, tRPC, GitHub Actions, Git, Unix/Linux systems

AWS: S3, Cloudfront, AWS CDK, Lambda, DynamoDB, EC2, SQS, SNS

Other skills: REST API design, database design, cloud-based distributed infrastructure and system design, unit and integration testing, web performance and accessibility