

SALIL KHANNA

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Site: salilkhanna.com | github.com/salil-khanna | NYC & Boston

EDUCATION

Northeastern University, Boston MA

Khoury College of Computer Sciences

Bachelor of Science in Computer Science w/ concentration in Software

Gpa: 3.75/4.00

Honors: University Honors Program, Magna Cum Laude, Deans List

Related Coursework: Network and Distributed systems, Algorithms, Object Oriented Design, Web Dev

TECHNICAL SKILLS

Languages: Type/JavaScript (React, Express, Node), Python (Flask), GoLang, Java, C# (.NET), SQL, C, CSS

Dev Tools: AWS, Git, Jira/VSTS, Visual Studio, JUnit, VS Code, MySQLWorkbench (Modeling), PostgreSQL, GraphQL, Linux, GDB (Debugger), Figma, IntelliJ, PyCharm, Virtual Machines

EXPERIENCE

Incoming Software Engineer

Microsoft

July 2023 – Present

Remote (Cambridge, MA)

- Utilizing C#, .NET, and Visual Studio to modernize the Outlook notification delivery system for mobile clients

Software Engineer Co-op

Solaria Labs, Liberty Mutual Insurance

Jan 2023 – June 2023

Remote (Boston, MA)

- Leveraged React, TypeScript, Node.js, SCSS, Strapi, and GraphQL in the development of Liberty+, a platform used nationwide by 10k+ homeowners; resolved tickets and contributed to design discussions related to UI/UX
- Rigorously tested, enhanced code quality, and contributed to documentation, resulting in a cleaner, reusable, and more maintainable codebase, consequently improving the overall user interface and user experience of the platform

Software Engineer Intern

Datadog

Sept 2022 – Dec 2022

New York City, NY

- Through GoLang and Kafka, rewrote big data algorithm design to calculate real time usage of Datadog services to provide better estimates of client metric usage; counting billions of data points (metrics) per second

Software Engineer Intern

Microsoft

May 2022 – Aug 2022

Redmond, WA

- Designed & exposed a controller API route to help facilitate the post of notifications to a push notification service, improving the notification experience for 350 **million** customers and delivering a monthly 400 **billion** notifications
- Collaborated with Software Engineers across the team to notify them on the changes to push notification delivery, how to use the new API route endpoint, as well as communicated on code reviews and pull requests to production

Technology Analyst Co-op

Fidelity Investments

July 2021 – Dec 2021

Remote (Boston, MA)

- Developed a Flask MVC application in Python by leveraging AWS's api (boto3) and DivvyCloud's api to summarize DivvyCloud findings into excel sheets, bringing audit time from manual 40 hours to automated 2 hours
- Wrote and documented script on Kubernetes cluster data pulls, reducing audit time from 7 days to 3 minutes

PROJECTS – HEADINGS ARE HYPERLINKED, [SALILKHANNA.COM/PROJECTS](https://salilkhanna.com/projects) FOR A FULL LIST

Gallery Grade: GoodReads for Art | React, Express, Javascript, MySQL, PlanetScale

May 2023

- Built a robust full-stack web and mobile application developing a React frontend and Express API backend, enabling users to manage accounts, discover, rate, and review art, and interact with the art community.
- Optimized user experience with a reliable MySQL database, and complex functionalities like user sign-up, password hashing, art search, bookmarking, and profile viewing, resulting in an intuitive and engaging platform.

Salad Spinner: A Healthy Version of Cookie Clicker! | React, JavaScript, CSS

May 2021

- Developed a Front-End web application, focused on UI/UX design improvements such as Spring Animations, Modals, Toasts, Confetti, CSS imports, etc.

Interests Include: Video Editing, Listening to Music, Photography, and logging on Letterboxed!