SALIL KHANNA
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EDUCATION

Georgia Insitute of Technology
Masters of Science in Computer Science w/ concentration in Interactive Intelligence   ***Gpa:*** *4.00/4.00*

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

EXPERIENCE

Microsoft   *Remote (Cambridge, MA)*
Software Engineer   *July 2023 – Present*
- Integrating LLMs & data into one of the most used flagship Microsoft Copilot products: M365 **Outlook Copilot**.
- Utilizing C#, prompt engineering, and communication across developers to have supported scaling copilot by **1000x** (and counting) in daily user count, with development of new features.
- Abstracted client AI compliance and extensibility features into the service to allow and further sales of copilot.

Datadog   *New York City, NY*
Software Engineer Intern   *Sept 2022 – Dec 2022*
- Through GoLang and Kafka, researched and rewrote big data algorithm design to calculate real time usage of Datadog services to better estimate client metric usage; counting billions of data points (metrics) per second

Microsoft   *Redmond, WA*
Software Engineer Intern   *May 2022 – Aug 2022*
- 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

Fidelity Investments   *Remote (Boston, MA)*
Technology Analyst Co-op   *July 2021 – Dec 2021*
- 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 FOR A FULL LIST

Gallery Grade: GoodReads for Art | *React, Express, Javascript, PostgreSQL*   *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 **PostgreSQL** 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: Urban Development, Trains, Photography, and logging on Letterboxd!