

Rohan Nagavardhan

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EDUCATION

University of Michigan

August 2020 – May 2024

BSE in Computer Science, Minor in Astrophysics; GPA: 3.8/4.0

Ann Arbor, MI

- **Courses:** Data Structures and Algorithms, Computer Organization, Differential Equations, Discrete Math, Linear Algebra, Computer Security, Operating Systems, Web Systems, Distributed Systems

PROGRAMMING SKILLS

- **Languages:** Python, C++, Golang, JavaScript, C#, HTML5, CSS3, SQL
- **Frameworks:** TailwindCSS, Bootstrap, FastAPI, Gin, Spacy, React.js, Next.js, .NET Core
- **Tools:** Git, VSCode, Pycharm, CLion, Makefile, Docker, Jira
- **Database:** PostgreSQL, SQLite, MySQL
- **Cloud Platforms:** Heroku, Netlify, AWS, Google Cloud Platform, Firebase

WORK EXPERIENCE

Comcast (Effectv)

May 2022 – August 2022

Software Engineering Intern

Philadelphia, PA (Virtual)

- Worked on the modernization of Comcast's Enterprise TV Ad Scheduling and Verification platform using AWS Cloud services, Docker, and Golang used by 300+ users in Ad Operations and Sales teams
- Integrated AWS SAM CLI to locally test ESVP Lambda containers which decreased regression bugs in production by 10%
- Reimplemented file upload feature to utilize AWS S3 for files with 10+ MB of data and improved performance of data exports by 15% by enhancing JSON-to-CSV serialization
- Built a tool using Golang to enable live reload functionality in both containerized and non-containerized Golang applications for 5 engineers
- Designed and built a dashboard application in C# ASP.NET to easily monitor the status of data imports to increase Operations' team efficiency by 25%
- Worked as a Scrum Master and led SAFe Agile ceremonies including Daily Standup, Sprint Planning, Retrospective, and PI Planning

Wander (thinkwander.com)

February 2021 – August 2022

Full-Stack Software Engineer Intern

Ann Arbor, MI

- Implemented a cross-platform social media mobile application to share and discuss intellectual content using React Native and Flask
- Developed a text-highlighting feature to facilitate thoughtful online discussion between our 500+ web application users using React.js and Flask
- Improved webpage rendering speeds by 50% using infinite scroll and caching

PROJECTS

logit (logit-xyz.netlify.app)

May 2022 – Present

Side Project

New York, NY

- Utilized React.js, Go/Gin and FitBit API to parse an online recipe and import its nutritional information into the FitBit mobile/web application
- Generated 230+ unique page visits and received 50+ upvotes on r/fitbit within the first month of launch

Reshape (reshape-io.github.io)

January 2022 – May 2022

Side Project, Contrary Capital Build Sprint Winner

Ann Arbor, MI

- Built a natural language data analytics tool using FastAPI, Spacy, & React.js and gathered interest from Head of Analytics @ Intuit, CI Manager @ Google, & Head of Sales @ Phantom Auto

ACTIVITIES

University of Michigan Science Olympiad

September 2021 – Present

- Wrote and supervised a wave & optics exam for 50+ students at the UofM 2022 Science Olympiad tournament

V1 Product Studio ([PlzDon'tWaitlistMe](#))

November 2021 – April 2022

- Led 4 students in building a web application to help UofM students stay up to date on the classes they plan to register for in the upcoming semester using FastAPI and Next.js