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 for 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