

Aneesh H. Patel *Software Engineer*

✉ patelaneesh4@gmail.com 🖱 www.aneesh-patel.com in aneesh-h-patel 🌐 aneesh-patel

Professional Experience

09/2021 – present

Co-Creator, Software Engineer, Synapse

Synapse [↗](#) is an open-source GraphQL API Gateway solution, which allows small companies to build, deploy, and monitor a GraphQL API Gateway.

- Built a configurable GraphQL API Gateway using GraphQL Mesh and Apollo
- Developed a GUI for easily adding various API types to the Gateway using React
- Engineered an Apollo Server Plugin to log error data for GraphQL requests
- Captured and stored real-time resolver latency data in MongoDB
- Implemented a dashboard for monitoring request and error data
- Built a pipeline to provision and deploy to serverless AWS infrastructure
- Created a Node.js CLI tool to automate many AWS API calls into a single command
- Authored technical case study, viewable at <https://synapse-gateway.github.io>

06/2021 – 09/2021

Co-Creator, Software Engineer, Timehub

Timehub [↗](#) is a centralized hub for time tracking data, gathering and consolidating data from multiple time tracking APIs.

- Built a RESTful API backend using Rails
- Created ActiveJobs for polling multiple external APIs
- Developed frontend using React, Chart.js, and Tailwind CSS
- Consolidated data from three external APIs into unified PostgreSQL schema
- Authored technical case study, viewable at <https://timehub.vercel.app>

08/2019 – 06/2021

Software Engineer, Self-Employed

Developed open source software using Node.js, Express, React/Redux, PostgreSQL, MongoDB, and more. Some projects include:

- **RequestBuddy:** a Request Bin style application for collecting and inspecting HTTP/webhook requests, built with Node.js, Express, MongoDB, and more.
- **ProjectHub:** a full-stack, fully functional project management application (featuring drag and drop), built with React, Redux, Express (RESTful API), MongoDB, and more.

Skills

Languages

JavaScript, Ruby, Golang, SQL, HTML/CSS

Frameworks

React, Redux, Rails, Express

Misc. Technologies

Git, Github, Linux, Node.js, HTTP, OOP, RESTful API, GraphQL, PostgreSQL, MongoDB, Docker, Cron Jobs

Cloud

DigitalOcean Droplets, EC2, ECS, S3, IAM, Heroku

Education

08/2019 – 09/2021

Software Engineering (Capstone), Launch School [↗](#)

08/2015 – 08/2019

Medicine, University of Virginia

08/2011 – 05/2015

Biomedical Engineering, Chemistry Minor, Virginia Commonwealth University
Honors College and Magna Cum Laude Distinctions