Phillip Dupuis

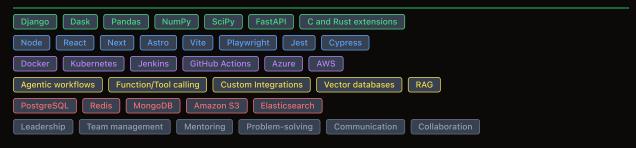
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im https://www.linkedin.com/in/phillip-dupuis/ ☐ https://github.com/phillipdupuis

ABOUT ME

I am an engineer with over 10 years of professional experience in full-stack development, distributed computing, and AI/LLM integrations. I have a strong background in building scalable applications for healthcare, quantitative finance, and data analytics, with expertise in Python, Node/TypeScript, React, and cloud infrastructure technologies.

SKILLS



WORK EXPERIENCE

Senior Software Engineer

Man Numeric

01/2020 to present Boston, MA

- Created a feature-complete portfolio analytics platform over the course of four years.
- Built REST APIs, web applications, excel plugins, slack bots, and browser extensions.
- Published various node/python packages for internal use.
- Pioneered AI/LLM integrations with existing services within the company.
- Optimized legacy workflows via parallelization and distributed caching.

Software Developer

MEDITECH

08/2014 to 12/2019 Framingham, MA

- Led development of an emergency room wait list enhancement that streamlined hospital workflows and automated critical processes; it reportedly has led to decreased wait times.
- Developed the proration algorithm, rule-building tools, statistical analysis routines, claims, and statements necessary for 'package billing', a practice popular in medical tourism; the resulting software is currently used in Ireland, the Middle East, and Singapore.

PROJECTS

pydantic-to-typescript

https://github.com/phillipdupuis/pydantic-to-typescript \$\pp288\$

A python package for automatically generating TypeScript types from Pydantic models. It's useful for keeping your frontend and back-end models in sync. I created this while working on a large project with a team of contractors, and it seems to be broadly useful.

EDUCATION

BS in Applied Mathematics-Biology Brown University

09/2010 to 05/2014 Providence, RI

My coursework focused primarily on genomics, probability, statistical inference, and computer programming.