AMAR NATH

Contact

🌐 amarnath.dev

✉ amarnath@duck.com

⭘ @a3nath

in @a3nath

📞 519-580-6531

Certifications

Udemy Academind React

Udemy Academind Node

Academind Django

Skills

- Front-end
  - jQuery
  - React
  - Redux
  - D3, Plotly
- Server
  - Python
  - Django
  - Node
- Databases
  - SQL
  - MongoDB
- CMS
  - WordPress
  - Bubble
- Design
  - Adobe XD
  - Adobe Illustrator

I'm a developer with a background in data and mathematics. I have more than 4 years of experience developing tools in JavaScript, Python and SQL. I build user-friendly, interactive web solutions that ingest data from REST end points, perform authentication, store data in SQL and visualize insights for decision makers

Work Experience

Developer / Data Scientist
Infrastructure Ontario | 2017 - Present

- Streamlined organization's processes as part of digital transformation strategy. Collaborated in an agile environment with cross functional teams to engineer end-to-end analytics pipelines using Python, SQL and Microsoft Apps enabling data-driven decision making and cutting down reporting time to hours.
- Optimized Ontario's 40+ million square feet real estate portfolio. Built a React and django app that simulated and visualized the impact of different investment strategies in interactive charts enabling the portfolio team to save 30% of their annual budget.
- Developed a CRM tool to manage clients and projects. Used JavaScript and Node to track key conversations, visualize engagement patterns and intake new projects with a 80% satisfaction rate.

Lead Developer
Homecooks - Food Marketplace app | 2022 - Present

- Led 2 team members to desgin and implement an intuitive, user-friendly interface, build in workflows and integrate external plugins such as Stripe and Twilio to launch a vendor marketplace application in under 9 months.

Relevant Projects

React, Firebase food ordering app   *React | Redux | Firebase*   🌐 ⭘
Single Page interactive app that authenticates users, allows users to interact with a dynamic interface to build a burger, saves order details in database and uses cookies to remember user login details

React Music Trivia App   *React | Redux | REST API*   🌐 ⭘
Music trivia app that quizzes users knowledge about their favourite band. Uses REST API to generate questions, vanilla JS to check and save user answers and updates a running score

Django Portfolio Tracker   *Django | REST API | PostgreSQL*   🌐 ⭘
Django app that allows users to build a stock portfolio. Uses Yahoo finance REST API to look up stock tickers and session storage and PostgreSQL to save user info and track portfolio performance

Academic History

University of Waterloo
Honors Mathematics - Math & Finance, 2017