Vikrom Narula

Student, Programmer, Golfer, Free-diver

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EXPERIENCES

Erudite | Back-end Engineer | Next.js, React, Prisma, Docker, Django   Oct 2022-Present
- Implement API endpoint to interact with third party client API.
- Implement invoice, and receipt service interface to third party client.
- Lead back-end on on donation application, and medical recording service.
- Write up project documentation.

Agoda | Internship, Finance Back-end Team | .NET, React, SQL, Play, Scala   Apr 2022-Aug 2022
- Migrate .NET Framework to .NET Core
- Migrate from Github, Teamcity to Gitlab and it's CI/CD
- Implement internal API endpoint to streamline manual workflow, and notify via Slack
- Change database usage from Hadoop to Microsoft SQL server for an API endpoint

The Gang Technology | Part-time, Back-end Developer | Django, PostgreSQL   Jan 2022-Feb 2022
- Implement API endpoint to query user information and parse to xlsx format
- Implement API endpoint to query user information and output as pdf format
- Implement function to parse user information to government standard encoding
- Implement schema to accept government standard encoding

Ad Hero | Full-time, Part-time, Back-end Developer | React, Prisma, GraphQL, Express.js   Feb 2020-Dec 2020
- Implement API endpoint to interact with service provider API
- Encrypt and decrypt API data for some service provider

PROJECTS

Crypto Currency Analyser | Python, Pandas, BeautifulSoup
Scrap top market capitalization crypto currency to compare current price with average price within some time gap and show percentage change.

Python Machine Learning: NLP Steam Games Reviews | Python, Sklearn, Pandas, Numpy, Matplotlib
Analysis of stream review to see if the given review is good or bad, by using different vectorization and activation functions effects the model.

Golf Tournament Application | Node.js, JavaScript, React, React Native, Firebase, Chakra
Create a tournament application for competitor to keep of theirs and opponent scorecard, with easy to use scorecard and intuitive scorecard display.

Public Transportation API: BTS & MRT map API | Python, Django, Docker
Create API for user to query to path between two stations across BTS and MRT, by using graphs and DFS.

SKILLS

Programming
- Python (2+ years)
- JavaScript/TypeScript (2+ years)
- Basic - Rust, Scala, SQL, R, HTML, CSS

Tools/Others
- Scripting(Bash, Python), Git, CI/CD, Linux/Unix, Docker
- LaTeX, Visual Studio Code, IntelliJ IDEA, Vim, Nvim, Tmux

EDUCATION

Mahidol University International College | Bachelor degree in Computer Science   2018-2022
CGPA 3.10
Courses - Advanced Calculus, Statistics, Discrete Math, Algorithm Analysis, Digital Logic Design, Database Management Systems, Data Structures, Operating Systems, Computer Networks, Deep learning, Blockchain

CERTIFICATIONS

Hyperledger-Fabric | IBM-Blockchain   2021

JavaScript Algorithms and Data Structures | FreeCodeCamp-Javascript   2021

Deep Learning Specialization | Coursera-DeepLearning   2020