

# 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
- Lead back-end on on donation application, and medical recording service. 1st phase was completed in 1 month.
  - Implement API endpoint to interact with third party client API.
  - Implement invoice, and receipt service interface to third party client.
  - 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, Linux/Unix, Docker
- $\text{\LaTeX}$ , 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

- JavaScript Algorithms and Data Structures** | FreeCodeCamp-Javascript 2021
- Deep Learning Specialization** | Coursera-DeepLearning 2020