Newton Narzary
Full-Stack and Python Developer

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Leetcode | **Website** | **Github**

EXPERIENCE

Petrotec | SDE Intern   *Doha, Qatar | 05.2023 - 07.2023*
- Collaborated to develop a Next.JS application for tracking IT complaints and notifications, used by over 50 employees.
- Implemented the user interface design by using tailwind.
- Executed a secure login system utilising Google OAuth for robust authentication. Created API calls for CRUD operations on the complaints table. Tripled API call speed by caching responses.
- Streamlined and modularised the existing codebase, spanning over 10,000 lines of code.

Qatar Design Consortium | SDE Intern   *Doha, Qatar | 01.2022 - 03.2022*
- Enhanced the MERN stack project management portal with over 10 modules, impacting the workflow of 200+ employees.
- Implemented a summarising dashboard for better data visualization and UI enhancements, ensuring theme coordination.
- Secured API routes, addressing over four critical error cases to enhance stability and user experience.

Venture Gulf Engineering | Intern   *Industrial Area, Qatar | 12.2021 - 01-2022*
- Collaborated to build and maintain data servers, resulting in a 10% increase in server capacity and improved overall system reliability.

PROJECTS

Quizlify - (*Next.js, Tailwind, Prisma, Shadcn, NextJS Vercel*)
- Quizlify is a quiz app that allows you to create custom quizzes, save and share them with your friends. It has an intuitive ranking system and an integrated word cloud. Used by over 5

AnyBody Can Chat (ABCC) - (*Next.js, Tailwind, Firebase, Radix UI, Stripe API, Vercel*)
- ABCC is a comprehensive SaaS messaging platform, boasting end-to-end encryption and an innovative automatic translation feature for seamless communication.
- Additionally, the integration of Stripe enhances the user experience by implementing a secure payment paywall to unlock advanced features. The active user base of 20+ people.

Flash Chat - (*Flutter, Firestore*)
- Built a real-time chat mobile application using Flutter and Cloud Firestore, enabling seamless user authentication, real-time messaging, and integration with the Firestore database.

TicketBeacon - (*Next.js, Tailwind, Prisma, SQL, Vercel*)
- A full-stack app built for issue management. With its capabilities to segregate, assign, and summarise issues, along with robust login functionalities. Benefiting over 50 employees in registering and resolving their issues.

NutriLog - (*JavaScript, Bootstrap, MongoDB***)**
- Created an app empowering individuals to track calorie intake, exercise, and access a comprehensive nutrient database. It uses an API to estimate exercise-related calorie burn.
- This impacts potential 10,000+ health enthusiasts with all-in-one calorie management.

SKILLS

Languages: Java, Python, JavaScript, TypesScript, C++, Dart, SQL, React
Technologies: MERN, Node.js, NextJs, MongoDB, Prisma, Bootstrap, Tailwind, Flutter, Flask, Tailwind, Firebase, GIT
Concepts: Data Structures, Algorithms, Object Oriented Programming, Agile, REST API, Bash Scripting, MVC, ORM

EDUCATION

Netaji Subhas University of Technology | Bachelor of Information Technology   *Delhi, India | 12.2020 - Present*
- Gaming Society Member, Football Team, Volunteered at FIFA World Cup 2022.
- SkyHack Hackathon - Runners Up.
- Operating Systems, Computer Networks, Database Management Systems, OOPS etc.

Delhi Public School - MIS | Secondary School   *Doha, Qatar | 02.2018 - 04.2020*
- Cumulative Percentage - 93%
- Physics, Chemistry, Advanced Math, English

INTERESTS

Football, Volunteering, Travel, Lego, Gaming, Hiking, Documentaries