NISHAN THAPA

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EDUCATION

Drexel University   Philadelphia, PA
BS in Computer Science & Finance | GPA: **3.79** / 4   09/2020 - 06/2025

- Web Mobile App Development **|** Data Structure **|** Advanced Programming Techniques **|** Math Foundations of Computer Science **|** Multivariative Calculus **|** Linear Algebra **|** Discrete Math **|** Business Statistics **|** Business Communication
- **Drexel Global Scholar (Full Ride Scholarship) | Drexel Dean's List**

EXPERIENCE

WP Agency   London, England
Full Stack Developer | (NODEJS, REACT, NEXTJS, DOCKER, MONGODB, REST)   04/2022 - 09/2022

Worked in a team at the intersection of Software Development, Testing, and Production to develop a complete web app solution for the client, MindSetts Pvt Ltd

- Designed & developed a complete responsive web application using **MERN stack** for MindSetts group which would automate the process for connecting clients to the best available therapists in clicks of few buttons
- Evaluated the app requirements by daily communication with the firm and MindSetts owners, listening to defined problems then proposed 4 different solutions, and analyzed the best one after weekly catchup meetings to develop the best possible product
- Integrated supplementary features like **payment integration with Stripe API, SMTP for email marketing, onsite video meeting feature**, etc
- **Tested, Dockerized, and deployed the web app with CI/CD setup using GitHub actions over DigitalOcean**, documented the web app and submitted it to the firm before finishing the role

Nest Nepal Business Solutions Pvt Ltd.   Kathmandu, Nepal
Jr. Fullstack Web Developer   08/2021 - 01/2022

Leveraged the power of MERN stack to deliver a comprehensive beta platform for auditors and financial agency to manage their clients and related workflow all online

- Helped several local financial agencies to cut down the processing time of paper based works and physical document delivery to clients, helping them save more than 3 hours daily on average.
- Delivered features like **managing multiple clients, and simplified 1 to 1 communication between client and auditors with in-built messaging/emailing and notification system through REST-apis** for front-end engineers to work on, **resulting in 7% increase in client retention rate** for the agency.

Drexel University   Philadelphia, PA
Computer Science Teaching Assistant   09/2022 - 12/2022

- Worked with 6+ teaching assistant to solve the course related issues and queries of more than 300 CS 171/CS 172/CI101 students; **graded > 150 assignment submissions** focusing on ensuring required modularity, checking code standards, suggesting code refactoring, and testing code effectiveness
- Made comments to help students understand the coding principals and technical issues with the code and code styling; **helped more than 100 students to improve their coding skills** and understanding of the course content

TECH SKILLS

Programming Language: JavaScript · TypeScript · Python · C · HTML · CSS · Bash

Frameworks & Libraries: NodeJS · ExpressJS · ReactJS · NextJS · Docker · Strapi · Redux · ContextAPI

Tools & Technology: OOP · GIT · Github · CI/CD · DigitalOcean · VSCode · Repl.It · Jira

CURRENT INVOLVEMENT

EventSimplify (www.eventsimplify.com) | (NextJS, Docker, MongoDB, DigitalOcean, REST)

Eventsimplify automates events and all related tasks, for both organizers and participants: cofounder of this registered startup, also working as a DevOps engineer and Jr. Full Stack Developer in the project.

- Working in a tech team under 2 Sr Developers to build a **solid backend server in NodeJS (TypeScript)** to power the *EventSimplify* flawlessly.
- Responsible to set up **CI/CD using GitHub actions over DigitalOcean** to deploy new changes automatically over Ubuntu droplets.
- Brainstormed features by filtering ideas from all team members during biweekly meetings and pioneered features like **admin dashboard, custom event setup, payment integration** to make sure the product stand.
- Managed to bring 10 actual event organizers for our beta phase real world testing, and improving the product upon their outputs to make it rigid.

FIND ME ONLINE

GitHub	Portfolio	LinkedIn
https://github.com/nishanprime	Nishan Thapa	https://www.linkedin.com/in/nishan-thapa0x01/