

Aayush Aayron Deo

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Education

New York University Abu Dhabi, Abu Dhabi, UAE

Class of 2022

- Computer Science (B.S)
- Interactive Media minor

Skills

HTML | CSS | ReactJS | NextJS | Material UI | Bootstrap | Semantic UI | ExpressJS | NodeJS | Javascript | C++ | Python | MongoDB | Firebase | PassportJS | Cypress.io | SQLite | Google App Engine | Postgres | Docker | GitHub Actions

Work Experience

Mental VR

August 2021 - Present

Full Stack Web Developer

- Developed frontend for a training reporting dashboard from Figma Designs using ReactJS
- Developed backend for the training report dashboard using Fastify in the MVC architecture
- Automated a build in another repository using GitHub actions
- Led a team of 3 to configure 45 HTC Vive Focus 3 devices and trained 45 individuals to use the device and the software

Soopa

August 2021 - May 2022

Backend Developer

- Implemented and facilitated the implementation of a payment gateway using the MasterCard Payment API
- Developed the server side application using ExpressJS

Alnakheel Magazine

October 2020 - May 2021

Web Developer alnakheel.org

- Developed the public website and admin panel for the editors of Alnakheel Magazine to add and edit articles using ReactJS/NextJS with Typescript, Firebase and hosted on vercel

Aomni app.aomni.com

October 2020 - February 2021

Software Development Intern

- Implemented testable frontend code with ReactJS/NextJS with Typescript
- Conducted end to end using reusable Cypress.io tests and fixed bugs discovered during testing.

New York University Abu Dhabi Undergraduate Admission Office

August 2020 - May 2022

Senior Student Admissions Ambassador

- Implemented an automated system for admissions staff to request for student ambassadors to support events via Google forms, Google Sheets and GScript
- Developed an independent event management system using ReactJS/NextJS with Typescript, using Firebase as the backend for use by 20 student ambassadors, 20 staff members to facilitate about 50 event requests per academic year
- Implemented a notification system for the event management system using Sendgrid Email API
- Implemented event scheduling on Google Calendar using Google Calendar API

Scholars Abroad Fiji

July 2020 - Present

Co-Founder, Web Developer <https://scholarsabroadfiji.com>

- Co-founded Scholars Abroad Fiji a mentorship network that assists current Fijian high school students to apply to international universities that offer full scholarship
- Developed a public website using ExpressJS, MongoDB and NodeJS with JavaScript hosted on the Google App Engine
- Implemented contact page by using Nodemailer to send an email to mentorship team

Projects

Assassin Game Portal

- Developed a dashboard for the annual Assassin Game at NYU Abu Dhabi using NextJS/ReactJS with TypeScript that was used by 155 students over a period of 5 weeks, with 0 downtime on the system
- Created a daily CRON job to automate the elimination of players that did not meet a certain criteria and changing the phrase of the day