Nishan Rayamajhee

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Github

EXPERIENCE

Parafin, Inc.
Product Engineer
301 Howard St. Suite 1500, San Francisco, CA
August 2021 - August 2024

- Worked closely with product managers and designers to implement new features.
- Worked on capital products, partner dashboard, and website.
- Improved usability, performance, and reliability of Parafin's core products.
- Improved technical infrastructure such as end-to-end testing and authentication.

Core technologies used: Typescript, React, Playwright, NextJS, Figma, Scala, SQL, Webflow

DXC Technology
Full-Stack Developer
1615 Poydras St #2400, New Orleans, LA
July 2019 - July 2021

- Developed features for the application used by American Airlines reservation agents.
- Developed automation for clients to accelerate their workflow and increase productivity.
- Migrated existing functionality from the legacy application to a RESTful Web API.

Core technologies used: Java, SpringBoot, JavaScript, PowerShell, SQL, Win Automation

University of New Orleans
June 2016 - May 2019 (Part-Time)
Web Developer, Bioinformatics and Machine Learning Lab

- Developed and maintained the lab's portfolio site. (biomall.cs.uno.edu)
- Developed a web application that enables researchers to access bioinformatics algorithms on the cloud. (bmll.cs.uno.edu)

Core technologies used: Vuejs, Expressjs, MongoDB, Jekyll with Markdown and Liquid, Nginx, Linux

Student Mentor, Computer Science Department

- Helped students with introductory programming courses (Java, Assembly, and Data Structures).

Undergraduate Researcher, Narrative Intelligence Lab

- Developed a simple mobile game for data-driven assessment of mathematical reasoning in middle school children.

Feature Studios
Graphics Designer / Web Developer
Kupondole, Lalitpur, Nepal
July 2014 - August 2015 (Full-Time)

- Contributed towards sustainable business growth as a founding member.
- Designed and developed portfolio websites, produced brand artwork, and managed clients' data.

Core Technologies used: JavaScript/HTML/CSS, Jekyll with Markdown and Liquid, AWS S3, Adobe PhotoShop

EDUCATION

University of New Orleans
B.S. in Computer Science
2000 Lakeshore Dr, New Orleans LA
Graduated May 2019

SKILLS

Languages

TypeScript • HTML/CSS/JavaScript • SQL • Rust • Scala • Java • C • Python

Frameworks and APIs

React • Playwright • NextJS • Fastify • Jekyll with Markdown & Liquid • WebGL/Webgpu • Web Assembly (Rust)

Platforms and Tools

Git • Github Actions • Nodejs • PostgreSQL • Docker • Vercel • Fly.io • Bash • PowerShell • Figma • Webflow • Raspberry Pi • Arduino/Teensy USB

AWARDS

CSCI Achievement Award 2017

UNO Department of Computer Science

For demonstrating stellar performance in the department.

Homer L. Hitt Scholarship

University of New Orleans

Most prestigious scholarship in the university.

IEEE Region 5 Robotics Competition
Denver, CO, 1st April 2017

Competition Winner among participants tasked with developing an autonomous robot capable of navigating and mapping a simulated cave system.

National Model United Nations
New York, NY, 20 - 24 March 2016

Distinguished Delegation and Outstanding Position Paper awards for acting as delegates of UNICEF and the Commonwealth of Australia.