

Dinesh Sainath Koti Reddy



dineshsainath.github.io/Portfolio/

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SKILLS

Languages: Javascript, Java, HTML5, CSS3, C, C++, SQL

Dev Tools: React, Node Js, Figma, Python, MongoDB, MySQL, PostgreSQL, Bootstrap, Git, Github pages, Visual Studio

EDUCATION

University of Guelph, Guelph, ON

Sep 2017 – Dec 2021

- Bachelor of Computing – Dean's Honors List for an average of cumulative 80% grade, Fall 2021.
- Core courses - Software Systems Development; Database systems; Object-oriented programming.
- UoG entrance scholarship worth \$13000 for outstanding academic achievement.

WORK EXPERIENCE

Undergraduate Teaching Assistant, University of Guelph

Sep 2021 – Dec 2021

- Streamlined effective teaching strategies by collaborating with a team of faculty and TAs.
- Tutored 60+ students understanding lecture material and assisted them with assignments.
- Moderated grading assignments, class participation & examinations.
- Successfully balanced student workload with teaching workload.

Junior Web Developer, Vankay Systems

Jan 2020 - April 2020

- Proposed the UI mockup design in key business decision meetings for the website to be more accommodative.
- Engaged in 100+ hours of Wordpress and NodeJs training with lead designer.
- Translated designs and wireframes into templates on Wordpress using HTML, CSS and Javascript.
- Designed and developed updates to the website by collaborating with designers and performance team on, improving user experience by 48%.

IT Intern, iCommunity (UofT)

July 2020 - Dec 2020

- Developed the front-end platform for 200+ students to engage and network within a greater community.
- Facilitated onsite support, implemented features like navigation, consistency & error handling with HTML, CSS & NodeJs.
- Collaborated with the Research team to orchestrate Student community workshops that welcomed 50+ students.

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PROJECTS

The Grove

Nov 2021

- Designed a web-application prototype for a Youth wellness foundation using UI/UX Figma.
- Critiqued as one of the best prototypes in the course by the Professor and the Client.
- Implemented features like create a profile, secure login, and chat forums to engage with the community.
- Implemented features like color-blind mode to adhere with AODA guidelines.

Profile Manager

Jan 2022

- Developed a web manager that organizes student profiles using JSON API.
- Created accessible, responsive, and functional user interface that fetched, parsed formatted data, and relayed it into React components.
- Implemented a suggestive search bar that takes name and tags as parameters using filter and hooks.
- Incorporated conditional rendering to display data and assign tags to the student profile and search accordingly.

Quizzer

April 2022- In progress

- Created a wireframe representation of the web application using Canva.
- Incorporated API calls to the quiz database to render question sets based on user parameters.
- Developed responsive, accessible & dynamic web pages with React components providing a user-friendly experience.
- Planning to implement dark-mode feature with smooth transitions as the quiz progresses.

VOLUNTEER EXPERIENCE

Tutor

Jan- Apr 2021, Jan 2022 - Present

- Coached 1st and 2nd year students 23 students on the basics of web development – HTML, CSS and Javascript.
- Discussed ways to approach an assignment and create a road-map to solve the problem.

Movie Club

May 2019 – Dec 2020

- Organized a movie club to create a film community on campus.
- Screened one movie a week and discuss the writing, technicalities, theme, and philosophy of the film.