


# HARSUKH DEOL

## FRONT END DEVELOPER, UX/UI DESIGNER

 [harsukhdeol.github.io/portfolio/](https://harsukhdeol.github.io/portfolio/)

 [github.com/harsukhdeol](https://github.com/harsukhdeol)

 [codepen.io/harsukhdeol](https://codepen.io/harsukhdeol)

 [hk4deol@uwaterloo.ca](mailto:hk4deol@uwaterloo.ca)

## EXPERIENCE

### User Experience Developer

Thomson Reuters

JAN 2020 - PRESENT

- Developed and shipped Obfuscation App, with **React and Bootstrap**, which removes sensitive info from documents so data can be leveraged for machine learning purposes
- Used **Docker and Postman** to code async fetch requests to connect front-end to server
- Leveraged **Electron, Python Tkinter** and React to develop and design desktop apps
- Directed stakeholder interviews and iterated on wireframes to meet client requirements
- Designed company assets with **XD, Illustrator and Figma**, to be used by **1500+ employees**
- **Collaborated in an agile environment remotely** with multi-disciplinary teams of engineers, designers, users and stakeholders on a daily basis from all over the world

### 3D Graphics Software Developer

DEI & Associates Inc.

MAY 2019 - AUG 2019

- Developed scripts with **Python** to automatically generate HVAC and electrical systems, creates **repeatable components** that can be leveraged by engineers
- Used daily by Revit DEI & Associates engineers, saves **20+ hours** per project
- Created **user interface**, which **boosted program usage** of non-technical teammates
- Worked independently and **problem solved** with mechanical and electrical users to troubleshoot and **debug code**

## PROJECTS

### Moodboard App

<https://github.com/harsukhdeol/moodboard>

MAY 2020

- Built an app that allows users to login and create moodboards with images and captions
- Developed front-end with **React and Redux**, styled with **Bootstrap components**
- Created **REST APIs** with **Node.js** and **Express**, used **MongoDB** as the database
- Integrated **JWT Tokens** for authorization

### Web Graphics

<https://harsukhdeol.github.io/web-graphics-portfolio/>

DEC 2018 - PRESENT

- Implemented lighting and material techniques to create realistic 3D scenes with **Three.js**
- Created cloud simulation with HTML, **CSS Animations** and **SVG filters**
- Developed an interactive isometric room using 38 div tags and SASS to create a minimal 3D design with animated elements

### Peel District Hackathon Website

<https://hack.mssoj.ca>

MAY 2020

- Designed and developed a website with **HTML5, SASS, Bootstrap and JS**, from scratch, to be used by over 1000 hackers in a district-wide online hackathon

### React and API Projects

[fashion-store.netlify.com/](https://fashion-store.netlify.com/)

AUG 2019 - PRESENT

- Developed and designed an apparel shopping website with 10 pages and over 40 products using **React.js, CSS modules** and **Bootstrap**
- Integrated **PayPal** sandbox for users to buy products and receive verification of purchase
- Implemented **REST APIs** to create Trending News App, Recipe App and Random Quote App
- Created Markdown Previewer, Goal Tracker and Weather App with **React.js**

## SKILLS

### Languages

JavaScript (ES6), Python, C++, HTML5, CSS3/SASS

### Libraries & Frameworks

React, Redux, Node.js, Express, Electron, Bootstrap, JQuery, Three.js

### Tools & Platforms

MongoDB, Mongoose, Git, CI, Npm, Postman, Webpack, Chrome Dev Tools

Windows, MacOS

Adobe XD, Sketch, Figma, Photoshop, Illustrator, Blender, After Effects, AutoCAD, SolidWorks, Revit

## AWARDS

### Best Project in the Fintech Space

StarterHacks - JAN 2020

App that allows users of different banks to deposit and withdraw cash at home

<https://devpost.com/software/dyneroz-gzelv7>

## EDUCATION

### University of Waterloo

Candidate for Honours Mechanical Engineering (BASC)

- Expected: April 2023
- GPA: 3.86

## INTERESTS

- Graphic & Motion Design
- Photo & Video editing
- 2D & 3D animation