

# VIKRANT RAJAN | SOFTWARE DEVELOPER

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GitLab: <https://gitlab.thecdm.ca/vikrant> | GitHub <https://github.com/vikrantRajan>

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## PROFILE

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I am a software developer with 5 years of industry experience (4 years design/marketing + 1 year web, games) with a background in front end and back end development. I am looking for an opportunity to gain experience.

## SKILLS

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**Software Development:** AR/VR, Unity, C#, Unreal, C++, Python (NUMPY, PANDAS, PDFPLUMBER, BOKEH, cv2, FOLIUM, FLASK, REQUEST, BEAUTIFUL SOUP), Object oriented programming, 3D Math

**Front End Development:** HTML, CSS, SASS JavaScript (ES6, ES5, jQuery, React/Redux, JSX, THREE.js, GREENSOCK)

**Back End Development:** Webpack, REST API, AJAX, Node.js, PHP, MySQL, yarn, babel.js,

**Design:** Illustrator, Photoshop, After Effects, Premier Pro, Branding, Strategy

**Project Management | Version Control:** Agile, scrum, trello, kanban, slack, discord | SourceTree, Fork, GitBash

## ACHIEVEMENTS

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I was an integral part of the design team that worked on the Award-winning campaign “Savlon Healthy Hands Chalk Sticks”. The team combined chalk with soap to promote hand hygiene to children in rural India. The campaign received 4.3 million impressions on Twitter and 3.2 million on Facebook in 4 days of launch. It was declared as one of the best works of the decade according to the Cannes creativity report 2020.

## WORK EXPERIENCE

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### Front End Developer (6-week Full Time Contract) | Simpli (Start up), Vancouver, BC | August 2020

Worked closely (in CI/CD) with their team of engineers (Front end, DevOps, Data, Software Testing & VP of engineering) and UI/UX designers to build their custom E-Commerce Shopify website. Optimized their website to load 3 seconds faster. Developed an automated application to help the company focus on transactions that have the largest profit margin. Developed 7 front end page templates and interaction design for mobile & desktop. Created custom backend functionality to edit text and rich media through the CMS. (Python, HTML, SASS/CSS, .env, JavaScript, ES6, Shopify liquid, node.js, yarn, Adobe XD)

### UI Designer (Part Time Contract) | GitSQL, London, UK | June 2020

Designed a custom graphic that shows how data flows through GitSQL to source control on their website. The new front end design is expected to go live by the end of October 2020. (Link: [gitsql.net](http://gitsql.net))

### Backend PHP Developer (Part Time Contract) | TAAL, Canada | April 2020

Developed a system to allow real time stock pricing to be shown on their website. (Link: [www.taal.com](http://www.taal.com))

### Logo Designer (Part Time Contract) | Easy Practice, Canada | September 2019

Created 5 unique logo design concepts for a software as a service company based in Vancouver. One of the logo designs was approved and is currently being used to represent their brand. (link: <http://easypractice.co>)

### Lead UI/UX Designer (Full Time Contract) | Togglehead (Digital Ad Agency), Mumbai, India | August 2018

Worked with the creative director and co-founder to lead a team of designers to create a print design campaign for Loreal Talent to get the company as a client to pay for the agencies advertising services. The successful pitch helped the company enter the print advertising industry and increased the overall income of the company in 2018. Worked with front end developers to build custom user interfaces and user experiences, websites, logo designs and custom graphics for companies such as TBZ, M.O.M, Prescon and Smart Spaces.

### **Designer | Ogilvy, Mumbai, India | 10/2017 - 07/2018**

Promoted to a senior designer position. Mentored several junior designers. My role included UI/UX design, Web + Print Design, Social Media Marketing and Script Writing for JSW Cement, Cadbury and Center Fresh Mints.

### **Junior Designer | Ogilvy, Mumbai, India | 03/2015 - 10/2017**

Design & branding for ITC Savlon, TATA, Unilever Red Label Tea & Taj Tea, Cadbury, Bosch & Vodafone (radio, TV, outdoor, print & digital ads)

### **Design Intern | Publicis, Mumbai, India | 06/2014 - 01/2015**

Worked on ad campaigns for Burger King, Citi Bank & Bajaj Auto. Gained experience with Photoshop & Illustrator.

## **INDUSTRY PROJECTS**

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### **Full Stack Developer | The Info Hub (UI/UX, React/Redux, ES6, PHP, MySQL, MAMP, Node.js)**

Created, developed, designed & deployed a custom CMS website to provide students with resources to develop creative & technical hard skills. Built a custom API, admin/subscriber functionality, password encryption login, approve/disapprove comments, create/edit/delete/approve/disapprove/publish/unpublish posts. 0.8s for the front end page to become interactive for a user according to google page speed insights.

[Frontend: <https://quirky-neumann-7293f4.netlify.app>] [Backend: <http://projects.thecdm.ca/c14/>] Username: Vikrant | Password: 123

### **Software Developer / Project Manager | HIVE / UBC Faculty of Medicine, Vancouver, Canada (CDM Industry Project)**

Part of the team that conceptualized and developed a 3D immersive, interactive experience to educate healthcare providers on the subject of human anatomy in a virtual laboratory.

Developed, tested and deployed on Mac, Windows and on a password protected website for PC/Desktop & VR with team. Developed & designed the case study of the project as a scroll animation website. Developed a 3D CMS. (Unity, C#, WebGL, PHP, MySQL, HTML/CSS, JavaScript) [Scroll animation case-study: <https://projects.thecdm.ca/anatomic/blog/>] [Prototype: <https://projects.thecdm.ca/anatomic/>] Username: Anatomic | Password: anatomic123

### **Software Developer | Canadian Blood Services (CBS), Vancouver, Canada (CDM Industry Project)**

Part of the team that developed, tested and deployed a virtual reality game to distract donors from the pain and anxiety of blood or needles during the blood donation process. [Case study/Game play: <https://www.youtube.com/watch?v=5qrB86PP6SM>]

Developed, tested and deployed a survey & data analysis tool. (MySQL, PHP, JavaScript, jQuery, HTML, CSS)

[Survey: <http://projects.thecdm.ca/CBS/>] [Result: [http://projects.thecdm.ca/true\\_blood\\_results](http://projects.thecdm.ca/true_blood_results)] Username: Vikrant | Password: 123

Worked with 3D Generalist & UI/UX designer to create 5 levels, controller, user interface, core features and game mechanics. (Oculus Go, Unity, C#)

### **Software Developer | Museum of Vancouver, Canada (MoV), Vancouver, Canada (CDM Industry Project)**

Worked in a team to conceptualize, design, develop, test & deploy an IOS application for MoV's 2-year exhibition "A Seat At The Table". (Unity, C#, XCode) [Screen recording of app: <https://www.youtube.com/watch?v=FH9qNwe1h-A>]

### **Software Developer | CDM Project – Hyper Casual Mobile Game (IOS/Android - Unity, C#, XCode)**

Part of the team that developed, tested and deployed the multi-player game. Developed core mechanics, scoring system, win/lose/draw conditions, player controller & 10 level designs. [Game: [https://www.youtube.com/watch?v=rCH\\_fKrWgJ4](https://www.youtube.com/watch?v=rCH_fKrWgJ4)]

### **Full Stack Software Developer | EntGuide, Singapore (VanArts Industry Project)**

Developed, designed, tested & deployed a crowd sourced CMS web portal for tourist attractions in Singapore.

## **EDUCATION**

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- **Masters In Digital Media**, Center For Digital Media (SFU, UBC, Emily Carr, BCIT) 09/2019 - Present
- **Diploma In Web Development & Interaction Design**, Vancouver Institute of Media Arts 09/2018 – 09/2019
- **Bachelor of Arts**, Oklahoma City University 08/2012 - 05/2014
- **Advanced Diploma In Mass Communications**, MDIS and Oklahoma City University 03/2012 - 08/2012
- **Diploma In Mass Communications**, MDIS and Oklahoma City University 08/2011 - 03/2012