

## KARANDEEP VIRK

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Portfolio: <https://karandeepvirk.com>

## **WORK EXPERIENCE**

### **Programmer / Web Developer**

Navigator Multimedia Inc, Kelowna, BC, Canada

(July 2017 - April 2020)

- Designed and developed donation applications with recurring payments using cron jobs, tours and travel reservation systems, online events ticketing softwares, season passes applications, secure React login and registration systems, React JS Image bank, membership websites of different user levels, views and roles.
- Developed an ecommerce application integrated with WP Rest API and used components such as And-Design, Axios, Redux, Materials UI, React Instagram and Facebook, Routes with dynamic states.
- Integrated payment gateways and CRMs with more than 25 applications using raw API calls and PHP SDK kits such as Stripe, PayPal Standard, Paypal Pro and Elavon, Solve 360, Constant Contact, Mailchimp, Pipedrive, Lasso.
- Developed online document storage applications, POS systems for restaurants with the ability to order online, integrated Fedex and UPS using direct application programming interfaces.
- Improved and developed ecommerce stores with tax receipts, invoices hitched with Authorize.net, consolidated auction applications, redesigned data structure for furniture distributors.
- Generated quizzes using neural network logics, roads maintenance websites, hotel rooms booking applications utilizing custom post type.
- Managed more than 30 WordPress websites at a time under and created themes, plugins, widgets, and templates.
- Learned to interact with clients and gained experience, resolved conflicts, assisted other front end developers in order to implement client's ideas and increased their revenue.
- Crafted Google technologies such as Google maps with markers, polylines, polygon, way-points, clusters, Google calendar, reCaptcha v3.
- Re-skinned existing websites paired with My SQL, MS SQL, MongoDB under Agile development environment with UI and UX Coding using Bootstrap3, Sass, Css, JQuery, JavaScript, React JS, Materials-ui. Translated requirements and design mock-ups into fully functioning web pages.
- Experience with Git such as creating repo, merging branches into their target branches and pushing branches to their remote repositories, cloning remote branches and switching to it, pushing changes to remote repositories and synchronization.
- Sorting, searching, filters, auto complete, pagination, webhooks, email templates, SVG Interactive Interfaces, generated XML, Data import and export in different files formats like PDF, CSV, Excel, Web hosting, domains transfers, SQL Joins, SSL layers, bash scripts, Xampp and Lamp server.
- DRY, MVC Coding with semantic HTML format, manipulated JSON responses, Integrated modules to existing applications.
- Handled and modeled data to discover useful information with graphical representation for business

decision-making.

- Analyzed and debugged social website feed by using their APIs for example Facebook Graph API, Instagram, LinkedIn Profile API, Twitter, Tripadvisor etc.

## **Software Developer**

Infowiz Software Solution, Chandigarh, India

(October 2011 - January 2015)

- Designed and tested over 20 real world applications for clients in different industries including medical, fashion, real estate, retail, industrial, and more.
- Designed business process documentation, identified various stakeholders for the system, and validated all elements of the requirement specifications document (SRS), black and white box testing, Integration testing, test case designs.
- Applied multi-paradigm software development methodology such as Unified Modelling Language (UML), Modularity, Reusability, Waterfall model, and Agile development.

## **SKILLS AND TECHNOLOGY**

### **Payments API:**

- Payflow, PayPal Pro
- Stripe Payment API
- Authorize.Net
- Square API
- Elavon

### **Google Technology:**

- Google Map
- Polyline
- Polygon
- Waypoints
- Google Bus Transit Feed
- Google Calendar API
- Google Map Road Trips
- Google reCaptcha v3, v2

### **CMS:**

- Wordpress
- Custom CMS

### **CRM:**

- Solve 360
- Constant Contact
- Mailchimp
- Pipedrive
- Lasso

### **eCommerce API:**

- Checkfront
- ZAUI
- Woo-Commerce
- Open Cart

### **Libraries & Components**

- JQuery
- Bootstrap 4
- React Bootstrap
- Fabric JS
- Materials-ui
- React+Redux
- Express
- Axios
- Ant Design

### **UI Languages:**

- SASS, CSS, HTML
- JavaScript

### **Servers:**

- My SQL
- SSL
- Bash Script
- MS SQL SERVER
- MongoDB
- Xampp, Lamp

### **FrameWorks:**

- Laravel
- Angular
- CodeIgniter

### **Server Languages:**

- PHP
- Node JS

### **Social API:**

- Facebook
- Instagram
- LinkedIn
- Trip Advisor

### **Others**

- The Events Calendar
- The MERN Stack
- Timthumb
- Htaccess
- MS Visual Studio Code
- Sublime Code Editor
- Git Command Line

## **EDUCATION**

**Bachelor of Computer Science**  
SPCET, Chandigarh, India

(February 2007 - March 2011)

**Master Of Computer Science**  
BBSBEC, Fatehgarh Sahib, India

(February 2011 - March 2013)