KARANDEEP S VIRK

Web Developer **|** +1 (437) 286-4350
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KEY SKILLS

Programming: JavaScript, Typescript, React JS, Angular, PHP7, Ajax, JQuery, ECMAScript 6 - 10, SASS, XML, HTML5, CSS3, Node JS

Payment API's: Stripe, PayPal Standard, PayPal Pro, Elavon, and Authorize.net.

Social API's: Facebook Graph API, Instagram, LinkedIn Profile API.

CRM API's: Solve 360, Constant Contact, ZAUI, Mail chimp, Lasso, CheckFront.

Libraries: mobX, Axios, Materials-UI, Express, Ant Design, Formik, Bootstrap, React Router, Webpack, Gulp, NPM, etc.

Project Management: Asana, Jira

Version Control: GitHub, Bit Bucket, Source Tree, Git Bash

CMS: WordPress, Custom Post Type, Templates, Meta and Taxonomy Queries, Short Codes, Actions, Filters, Post Meta, Terms, Hooks, Widgets.

Plugins: Woo Commerce, FedEx, Elavon, Authorize.net, W3 Total Cache, Elementor, Yoast SEO, ACF

Databases: MySQL, SQL Server, MS Excel, CSV, MongoDB

Servers: Lamp, Xampp, Tomcat, Apache.

Testing: CI/CD Pipelining, JENKINS, React testing library, JEST, Sonar Cloud, Husky, Automation Testing.

IDE: Visual Studio, Sublime, Net Beans, IntelliJ, AWS Cloud 9

OS: Windows, Linux/Unix.

Others: FileZilla, Htaccess, Adobe Photoshop, Chrome Inspector**,** WYSIWYG**,** Postman, SVG, Cron Jobs, Prettier, Slack, Thunderbird, SSH key

I want to secure a challenging position in a reputable organization to expand my learning, and knowledge, develop new skills and learn emerging technologies. I have strong and good communication skills with the ability to manage multiple projects at one time. I can work independently and as part of a team.

WORK EXPERIENCE

React Developer

Volante Systems, Toronto, ON, Canada   Feb 2022 - August 2022

- Developed and tested react components using React, Typescript, ES6, mobX, Formik, Webpack, Jira, Bit bucket, Docker Container, Mongo DB, React testing library, Jest, Sonar cloud, Husky, Mocha, JS hint and CI/CD Pipelining Integration.
- Converted designed mock-ups into fully functioning user interface with Unit testing, Integrated Testing under Sprints, Scrums and Agile development environment.
- Modified discount feature to manage the different types of discounts with the ability to add discounts per item, by percentage or value, ability to set minimum and maximum value, tax options, etc.
- Developed schedule interface and functionality to modify different types of schedule which can be repeated daily, weekly, monthly, etc.
- Attended different meetings every day to refine stories, story points, bug triage, weekly refinements. Removed story defects, bugs and worked collaboratively with QA team.
- Communicated with back end developer and used Swagger to manage end points and handled requests and responses back and forth with server.

React Developer

AlluraDirect, Vancouver, BC, Canada   Sep 2020 - Oct 2021

- Developed property manager dashboard interface using Formik, bootstrap calendar, Typescript and ECMAScript (ES6), Jira, Git and Postman to manage the properties, track the issues and to control the versions of the project.
- Developed react functional components, custom hooks. Managed project states and lifecycle with Redux also prop drilled the states from one component to others.
- Reviewed and requested code changes to improve the code quality and maintain the code standard before merging the Pull Request to master branch.

Web Developer

Navigator Multimedia In, Kelowna, BC, Canada   July 2016 - May 2020

- Integrated various third-party Payments, CRM, Social and Ecommerce REST APIs *such as* Stripe, PayPal Standard, PayPal Pro, Solve 360, Constant Contact, Mail Chimp, Lasso, CheckFront.
- Learned to interact with clients and gained experience, resolved conflicts, and assisted other developers to implement the client's ideas and increased their revenue.
- Developed WordPress Themes and Plugins with different user levels, views, and roles to solve complex logics and problems for end users, stakeholders and local businesses working collectively with DRY and MVC coding using Semantic HTML.
- Enhanced and Integrated Various WordPress plugins such as Woo Commerce, FedEx, Elavon, Authorize.net, W3 Total Cache, Elementor, Yoast SEO, ACF by adding Custom fields, Attributes, Meta boxes, etc.
- Data Warehousing, Data normalisation, Sorting, Searching, Filters, Autocomplete, Social feeds, Cloud Computing, Pagination, Webhooks, Email Templates, SVG Interactive Map, XML Generation, Data import and export in different file formats like CSV, Excel, Code Minification, dynamic PDF generation using TCPDF, Quizzes in steps for users to choose appropriate option such as events, trails, tours.
- Ecommerce stores with Recurring payment, Partial payment, Refund, Email notifications, Invoice generation, and shopping cart integrated with Stripe, PayPal Pro.
- Implemented Google technologies such as Bus transit feed, Markers, Trails, Polylines, Polygon, Waypoints, Clusters, Info Windows, Shapes, KML, Geometry Library, Places Library and Calendar.

CERTIFICATIONS

- **Industrial Training in JAVA**
  HCL , Mohali, IND

- **1st Prize Presentation**
  Artificial Intelligence
  Engineers Day, BBSBEC, IND

- **6 Months Voluntary Java**
  Training Sector 34-A, IND

- **Presentation on 4G**
  International Conference, Ram
  Nagar, IND

INTERESTS

- Reading
- Blogging
- Biking
- Gaming
- Traveling
- Sports
- Learning
- Writing
- Photography
- Listening to music

EDUCATION

- **Bachelor of CSE**
  SPCET, Chandigarh, IND
  http://www.spcet.org

- **Master of E-security**
  BBSBEC, Fatehgarh Sahib, IND
  Link to Paper Publication
  https://bbsbec.edu.in/

Web Developer (JUNIOR)

McNewton, IT Park, CHD, India   *Dec 2013 - Jan 2015*

- Designed and developed e-Learning Web application for students to learn programming using theme and SQL Server.
- Designed and developed company website and learned basic HTML, CSS, and Some concepts of JavaScript.
- Assisted engineering students with coding and helped them to pursue their computer science bachelor degree internship.
- Designed business process documentation, identified various stakeholders for the system, and validated all elements of the requirement specifications document (SRS).
- Applied multi-paradigm software development methodology such as Unified Modelling Language (UML), Modularity, Reusability, Waterfall model, and agile development.

KEY PROJECTS

- **UI and UX Code Trails Management.**
  https://www.bcrailtrails.com
  I have developed User Interface from designed mock ups and added Custom Post Types, Quiz, Trails Management with Google map Java Script to manage trails.
- **UI and UX Code & Tours Packages Booking System.**
  https://www.tropicaladventurestravel.com
  I had converted the designed mock up into UI and UX and developed a shopping cart integrated with PayPal. Admin can add, edit, and update the tours. Users can add tours in cart and pay partial payment, pay balance later by using a unique key.

- **Events Booking**
  www.vernonphysiciansociety.ca/calendar
  I worked on the Events Management System and Integrated Bootstrap calendar view. Admin can manage events from the back end. Users can add any number of guests to book and choose a meal, etc.

- **School lunch program Angular project**
  https://theschoolconcierge.com/
  I worked on this Angular project and worked on Photo Library, Login and Registration System with four different users. (Teachers, Principle, Students, and Parents).
- **Kootenay Rockies Road Trips.**
  https://www.kootenayrockies.com/roadtrips
  I had designed & developed Road trips using Google map JavaScript. Admin can add trails, set way points from the back end. Users can see details of trail and view waypoints.
- **Code Repo Developed Own WP Theme and Plugin.**
  https://github.com/karandeepvirk85/Wordpress-Default Framework/tree/branch
  I designed & developed my own custom WordPress Theme and Plugin from scratch. I wrote Object Oriented code and added various controllers such as Fields, Settings, and Custom Post type Controllers, etc. I also added a payment page integrated with Stripe.