

Vishal Sakaria - Curriculum Vitae

My passion is Software Engineering using strong Object Oriented principles and BDD as well as great design and user experience. I endeavour to write clean concise and robust code that is flexible and maintainable. I get a real buzz out of feeding use cases into tests and then writing code. I strive to communicate concisely & clearly, and love discussing new solutions as a team. It is difficult to encapsulate my personality, however people would describe me as fun, creative, altruistic, confident, enthusiastic, and inquisitive. I love to travel and recently have been to the Far East and Brazil. I also enjoying dancing and music as well as socialising and climbing.

Code Samples available on GitHub: <https://github.com/vsakaria>

More snippets at: <https://gist.github.com/vsakaria>

Personal Page and vblog: www.vishal81.com

Side Projects/Self Learning

Topics	From	To
Reactive Extensions - RxJS ES6, Functional Programming, understanding this context, call, apply & bind, first class objects, closures, call stack, high order functions.	Current	End of time

Employment Experience:

Employee	Job Title	Responsibilities & Achievements	From/To
ValTech - Bupa Global Insurance ecommerce	UI Developer JavaScript SASS	I used React and Redux to build a new quote process using presentation and container components. All the components were tested using expect.js, Enzyme and Mocha. I implemented Hot Module Reloading as well as Redux DevTools middleware to make the development process more streamline. Http request were created using Redux-Thunks I used Dan Abramov's action interceptors to track there Http calls. Action creators were implemented both manually and via bindActionCreators. React Router v4 was used and I added in editor ESLinting and Webpack sourcemaps. I worked on with SiteCore CMS to build a fully responsive payment gateway using a bespoke framework in pure JavaScript and SASS. I introduced Babel and ES6 to the project and dealt with high order functions, function binding, Pub Sub design patterns. To improve the build process I brought in Husky pre commits, Jasmine testing and JSLint. I also contributed to UX designs decisions for the checkout.	03 / 17 04 / 18
Thomson Reuters	Web Developer	Building reusable React.js components into an internally managed npm repo. ES7 async and await. Ultra clean git history with git fixup, autosquash and rebasing.	01 / 17 03 / 17
Aimia Data Visualisation	Frontend JavaScript	I worked on visualizing consumer data using Angular JS 1.5, ES6, and Typescript. I also assisted with UX decisions and worked with back end developers and data teams to find sustainable solutions.	11 / 16 12 / 16
Lloyd's online Doctor Health Care eCommerce	Frontend Developer JavaScript SASS	I initiated the use of Angular 2, ES6 and Typescript for a greenfield project. I introduced Angular Reactive Forms for the checkout process bringing in customer Validators, using the FormBuilder. This included tooling with Webpack to set up the test and build process. I lead the design of component architecture incorporating one level event emission. In addition, I researched and brought in RxJS for HTTP requests and component communication using Subjects. I continued to use Jasmine BDD on both a service, using RxJS (Reactive Extentions) and component level using fixtures. Using Node JS I created a mock data server for the development environment. I worked with Angular 1.5 Checkout app, refactoring spaghetti code by implementing an isolated login service and session service. I also implemented a save on continue feature and an international popup. I achieved 92% - 100% test coverage. Other skills included SASS, Grunt, NPM, UX and design.	01 / 16 10 / 16
Lastminute.com Travel eCommerce	UI Developer	Working on rolling out the responsive checkout app using Backbone.js, Jasmine, Text internationalisation, complex in-validation, Building grunt tasks & building and managing Jenkins pipelines with unit test coverage & JSLinting. Additional working on	07 / 14 12 / 15

regarding new technologies.

SupaDupa Full eCommerce Platform	Full Stack Developer Ruby JavaScript SASS	I worked on adding features to a code base of 200000+ lines. I produced a fully automated customer referral system in Ruby on Rails using various APIs. I also used Angular 1 on various projects including an Image up loader. All my code was written using BDD, my skills in mocking and stubbing deepened. Other skills include Cookies, RegEx, Haml, SASS, Coffeescript, deploying code, assessing security flaws and designing code that is evolutionary.	07 / 13 07 / 14
Contractor Big Data	JavaScript	I built a JS Application that visualised data onto a map using Leaflet.js & Underscore.js. I wrote Jasmine tests and made the app fully reusable by using OO principles. I also implemented UX and design idea's to make the map look beautiful. (See portfolio)	06 / 13 07 / 13
Contractor eCommerce	Javascript	I built pure CSS and complex interactions with JQuery for various SME's.	06 / 12 02 / 13
Parliament Hill	Deputy head of ICT & Head of e-learning		04 / 10 06 / 12
QK School	Teacher of ICT, Head of e-learning.		01 / 07 04 / 10

Education, Evening Classes and Qualifications:

Education	Training, course and grades	From/To
Makers Academy	OO JavaScript/JQuery/Jasmine Writing solid, reusable OO JavaScript libraries using techniques such as prototype functions, function callbacks, closures, hoisting and getting rid of global variables. BDD/TDD I love testing because I believe in the benefits of it as a source of documentation, as a method for improving the way I write clean compact code using agile, and (to quote Uncle Bob) "Because of the tests, software becomes soft again".	02 / 13 06 / 13
Central St Martins - UAL	Graphic Design Typography Layout and Image-making	04 / 16 06 / 16
Event Handler	Advanced Next level JS Performance, memory profiling JavaScript Testing Jasmine, Karma, Q-unit	1 Day Evening
General Assembly	Advanced UX Designing for Multiple Devices Understanding Information Architecture E-commerce Workshop: Understanding the What, Why & How of Online Retail	1 Day Evening
King's College London	Post Graduate Cert. In Education in ICT (11 -18 year old) Teacher training for KS3, KS4 and KS5	09 / 06 05 / 06
London Guildhall University	BSc (Hons) Computing Information Systems with Marketing 2.1 Advanced Java Programming Java Programming Software Engineering (SDLC) Computer Graphics in Java Final Project: Web site for mobile phones in Java	09 / 00 07 / 03 1 st 1 st 1 st 2.1 2.1

Other Information:

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