SEAN VILLAGRACIA
SOFTWARE DEVELOPER

CONTACT

✉ svillagracia@gmail.com

in svillagracia

○ svillagracia

SUMMARY

I am a Full-Stack web developer with a passion for learning and building beautiful, scalable, and maintainable products. Curiosity and the desire to understand code from a high level down to the nuances is what drives me as I build every product that I work on. I believe that meaningful collaboration and constant iteration are keys to innovation. For every line I write, I always ask, "How can this be better?" It is often a struggle, but the rewarding feeling of finding that answer and being a better developer for it is what keeps me moving forward.

EDUCATION

General Assembly Web Development Immersive
March 16, 2015 - June 5, 2015

SKILLS

TECHNICAL SKILLS: JavaScript, Node.js, Express, PostgreSQL, Angular 2+, TypeScript, RxJS, AngularJS, LESS, Test Driven Development, MVC, REST, APIs, HTML5, AWS, Continuous Integration, Deployment, SASS, Github, AJAX, JSON, Sequelize, jQuery, Bash, CSS3, MongoDB, JIRA, WebStorm, OAuth, Git, Bcrypt, Azure, Bootstrap, Unix, Ruby on Rails, Python, Microsoft Visual Studio, ActiveRecord, Behavior Driven Development, Heroku, ReactJS, Powershell

NON-TECHNICAL SKILLS: Client Relations, Project Management, Operations, Team Building, Business Strategy, Growth Strategy, Resource Management, Quality Assurance, Time Management, Social Media, Quality Control, Business Operations

ACTIVITIES

Hacker X (Font End & Back End) · Candidate/Participant

SeattleJS · Member
2015 to 2016

Seattle Node.js · Member
2015 to 2016

Sacramento JS
2016 to Current

EMPLOYMENT

Republic Development & Design
Sacramento, CA
Founder · Dec 2016 to Current
Worked with multiple clients and a diverse, strong team to deliver designs and high quality web, mobile, and native applications with rich experiences. Utilized multiple web technologies such as Angular2, Node, Express, TypeScript, RxJS, Python, Unix, PHP, etc. along with databases such as Postgres, MySQL, and MongoDB to create vibrant, performant, high quality applications. Managed project from consultation to delivery, providing customers with a wonderful experience from start to finish. Responsible for client relations, sales, project management, quality assurance, overseeing design, and development. Oversaw day-to-day operations.

Villagracia Consulting
Sacramento, CA
Lead Developer · Oct 2016 to Current
Working to build and launch products on contract for clients in New York City. Using technologies such as Angular2, Bootstrap, LESS, Webpack, Angular-CLI, TypeScript, and Node to build eLearning and administration dashboards to allow client customers to manage data, users, and training modules in order to orient and train customer employees in company process, policy, etc. I also wrote unit tests and end-to-end tests on applications to ensure the highest quality of software.

Indigo Slate
Bellevue, WA
Web Developer · Jul 2015 to Jul 2016
As a web developer at Indigo Slate, I leveraged the majority of my skills as a Full-Stack developer. I worked on multiple projects for clients such as Alaska Airlines, Microsoft, and have also built company IP. We consistently delivered SaaS products to fulfill customer needs and enable them to reach success in their endeavors. We utilized technologies such as MongoDB, Node.js, AngularJS, jQuery, NPM scripts, SASS, and Gulp to deliver assessments, quizzes, portals, and dashboards that we deployed to Azure and were often made accessible in up to fifty different countries in upwards of thirty different languages. We consistently enabled our clients and their organizations to drive sales, build stronger and larger user bases, empower employee ability and growth, and evangelize product or process adoption within their company. I spent time working with designers to create beautiful and responsive interfaces for multiple clients of the company, built out Postgres databases, created Node/Express APIs to consume and serve up data, and, personally, I have been responsible for setting up workflows in Node.js/AngularJS applications, developing standards with unit testing (Mocha/Chai), and developing and implementing coding standards via linters such as ESLint.

General Assembly Seattle
Seattle, WA
Web Development Immersive Teaching Assistant · Jun 2015 to Nov 2015
As a teaching assistant at General Assembly Seattle, I spent evenings tutoring and mentoring students during office hours. I helped them work through the problems and challenges in their homework during the course as they trained to become Full-Stack web developers. I worked with two different classes and over fifty students as they learned and built out projects in vanilla JavaScript, Node.js, Express, jQuery, Ruby on Rails, AngularJS, Postgres, and MongoDB. From writing new code, debugging their own code or a group member's code, to reading documentation on how to use an API or build out a database, I worked with the students to understand many things between high level concepts to syntax and cleanliness, enabling them to grow in their abilities and their own curiosity which will drive them forward for the rest of their careers.

PROJECTS

Plymouth Leadership College Online Platform
Jul 2017 to Current
The PLC application is an online platform that is enabling Plymouth Leadership College to transition from an in-person teaching model to a more streamlined online learning model. Instead of the teachers and students of this small educational institution having to travel to the various worldwide locations for the on-site classes, they are now able to log on to the application and access lessons, notes, assignments, and teacher-student contact from their computers and mobile devices. Using Angular 4, Node.js, ExpressJS, TypeScript, PostgreSQL, LESS, AWS, CircleCI and various other modern technologies we have been able to deliver a new, easy to use, streamlined experience to the organization that allows them to lower costs and deliver the same quality education to their students located in ninety-two different countries around the globe.

Alaska Airlines InFlight Application
The InFlight application is use by flight attendants at Alaska Airlines company wide. The employees use it for scheduling, vacation, logging hours, delays, overtime, shift exchanges, reading alerts and notices, general communication, and more. Indigo Slate was tasked to redesign the front end of the entire platform. Working in conjunction with Alaska Airlines, who rebuilt the API, we rebuilt the front end of the application using AngularJS. It is integrated into their Sharepoint site and servers and is slated to launch in the Fall of 2016.

Indigo Slate PMap (Beta)
PMap is a tool built for businesses to assess the needs of their employees and customers they work with on a business level. When a user fills out the spreadsheet and submits it to the API, a custom object is built that is inserted into an HTML template via Node.js, Express, and EJS, which is compiled and turned into a beautifully rendered PDF that is downloaded to the client that they may print out and display, or present in Power Point. The spreadsheet is sent into memory on the server, parsed, the information used to build a custom object that is used to render images, graphs, and charts (CanvasJS) to create an easy to read visual representation of the data in the spreadsheet to help the consultant better visualize and understand the needs of their target audience.

Microsoft Cyber Security IQ Quiz
The Cybersecurity IQ Test is an application that has been built for Microsoft's Enterprise Product Group. It is a tool used to measure the user's competence and ability in regards to Cybersecurity in their business. The test gathers their results and supplies to the user information/resources for Cybersecurity and safety, along with products that would help them in the area. The tool also employs the Marketo API for the purposes of email nurturing and further marketing with users. Technologies to build this application include C#/.NET, AngularJS, HTML5, CSS3, SASS, Bourbon, GulpJS, Visual Studio, and deployed on Azure.

Microsoft Disruptive Technologies Assessment
The Microsoft Disruptive Technologies Assessment application is a tool used to determine an organizations preparedness for implementing and using disruptive technologies. It gauges their readiness, ability to implement them, how they compare in adoption and use of disruptive technologies against competitors in their respective industries, and assesses their potential need for technologies that they might not be using or considering.
I was responsible for the build out of the user interface on the tool using HTML5, SASS, and AngularJS.

Microsoft Digital Accounts Portal
The Microsoft Digital Accounts Portal is an application built for sales teams in order to assist them in selling Microsoft's Azure services. Using C#/ASP.NET, SASS, and AngularJS, the tool is built to be flexible and offers customization in order for the seller to arrange the portal to appeal to their respective clients, showcasing how it would benefit them by expressing the features of Azure and how it serves other organizations in the customer's respective industry. I was responsible for the development of the tool's navigation bar.