Vatsarajan Candhadai Ramaswamy

Front-End Software Engineer

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Experience

Web Developer @The University of Texas at Dallas

June 2020 - Present

▸ Revamped the WordPress based Institute for Innovation and Entrepreneurship website of UT Dallas by developing new web components using jQuery, Bootstrap and CSS animations

▸ Optimized SEO web strategies and increased site traffic by about 300%

▸ Implemented new features and functionalities using HTML, jQuery and Bootstrap and upgraded the website to the latest HTML and website standards

▸ Implemented Comet Calendar component built on Localist and improved user experience by about 45%

Software Engineer @Tata Consultancy Services

June 2017 - May 2019

▸ Led a team of 20 in an Agile based project development to deliver crucial updates and services for IKEA apps to increase the performance and fix defects

▸ Earned "best application of the year" award for successfully pioneering Angular framework with .NET backend framework into IKEA

▸ Migrated a Windows based IKEA internal application into a responsive web based application using Angular 4, .NET, C#, Oracle with RESTful services

▸ Earned "top performer" award for developing webapps with full functional features in short time

▸ Adopted Git for version controlling and JIRA to track efforts of each team

▸ Developed a MEAN stack prototype application to showcase the stack capabilities

▸ Actively generated process improvements using Angular, React and VueJS and engineered workflow enhancements and achieved reduced development complexity by 35%

▸ Coded automation testing on Angular applications using Protractor and unit testing using Karma and reduced manual testing by 100%

▸ Implemented RESTful API services using .NET, C# and Oracle 12C to be used across various applications in IKEA

▸ Improved my peers' coding standards to remove code redundancy and complexity

Junior Software Engineer @Tata Consultancy Services

November 2015 - June 2017

▸ Developed, coded and updated responsive web applications using Bootstrap Grid System in an Agile based project development for clients such as Lloyds Banking Group and Lex Autolease

▸ Reviewed code to validate structures, assess security and verify browser, device and operating system compatibility

▸ Automated the mail system in the Lloyds web app using Java and AngularJS that increased efficiency by about 40%

▸ Collaborated with cross-functional groups such as Product Owner and Design Team regarding product definition, Schedule, Scope, and project-related decisions

▸ Engineered SOLR search with an AngularJS based application that reduced the search time by about 35%

Skills

Programming Languages
JavaScript, HTML, CSS, Java, .NET, C#, TypeScript, R, Python, Sass, LESS, NodeJS

Libraries and Frameworks
AngularJS, Angular, React, Vue, jQuery, Express, Grunt, ngBoostrap, Bootstrap, Bulma, cron, Puppeteer

Tools and Platforms
GitHub, Git, JIRA, Monday.com, Netlify, RStudio, Webpack, WordPress, Docker, AWS, Backbase

Education

The University of Texas at Dallas
August 2019 – May 2021
Master of Science in Management Information Systems
GPA: 3.75/4.0

Anna University
August 2011 – May 2015
Bachelor of Science in Computer Science and Engineering
GPA: 3.7/4.0

Projects

Tasks
A responsive web app built with VueJS, NodeJS and Bootstrap to add, remove, edit and complete tasks like Google Tasks

ngvDatepicker
A web component built using Angular 8 and Bootstrap that can be used in forms websites as a replacement to a rudimentary calendar

Institute for Innovation and Entrepreneurship
A website for UT Dallas built using WordPress, Bootstrap and jQuery is a landing website for the institute

Tic Tac Toe
The original Tic Tac Toe game built using Angular 8 and Bootstrap responsive across all devices and hosted on Netlify