Rachit Garg
User Interface Engineer

Front End Engineer who takes pride in writing highly organised and efficient code. I have 7 years of experience in building Rich Internet Applications (RIAs) for desktop and mobile devices.

A diligent & passionate person at work, gregarious & lively outside.
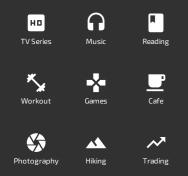
- 28-11-1988
- English, Hindi, Punjabi
- Bengaluru, India
- PR Australia

In my free time

TV Series	Music	Reading
Workout	Games	Cafe
Photography	Hiking	Trading

Get in touch

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- stackoverflow.com/rach8garg
- github.com/rach8garg
- Download Resume

Experience & education

Juniper Networks, Bengaluru
Software Engineer 3
November 2015 - Present
{ Software Engineer 3 / Software Engineer 2 }

Tavant Technologies, Bengaluru
Senior UI Engineer
July 2011 - October 2015
{ Senior UI Engineer / UI Engineer }

Lovely Professional University, Jalandhar
Bachelor of Technology, Computer Science
Sept 2007 - June 2011
{ CGPA 8.3 }

Army Public School, Jalandhar
April 1995 - March 2007
{ Grade 12 - 76% / Grade 10 - 85% }

Responsibilities

- Understand user requirements and interact with clients and/or project coordinators.
- Work with team leads and architects to solve complex design flow problems.
- Collaborate closely with design team to develop intricate design features and user interactions.
- Develop Front-end architecture for web applications and build interactive components using JavaScript & other web technologies.
- Write well designed, testable and performant code that is easy to maintain and understand.
- Participate in the usual scrum ceremonies such as daily scrum meeting, demos, retrospectives and planning.
- Build pixel perfect, responsive & cross browser compliant layouts using HTML, CSS and related frameworks.
- Work on proof of concepts (POC) for new requirements and applications.
- Mentor and groom junior resources in the team.

Tools & technologies

HTML5 · React JS · Angular JS · Bootstrap · Foundation · Webpack · CSS
SASS · jQuery · Gulp · Bower · Git · Handlebars · NPM · ECMA6
Lodash · Jasmine · Karma · JSON · Require · Knockout · Raphael
Compass · Sencha Touch · JSP · PHP · SVN · Photoshop · SVG · MVC

JavaScript	HTML	CSS	Others

Softwares Packages : Atom | Aptana Studio | Eclipse | Sublime Text | WinSCP | MobaXterm

Future Interest Areas : Full Stack Development | Internet of Things | Machine Learning

Achievements & activities

- Received Department Spotlight Award in Juniper Networks for rapid delivery.
- Received Department Spotlight Award in Juniper Networks for surpassing expectations.
- Bagged the Rookie of the Year Award in Tavant Technologies for the year 2011-2012.
- Secured 93 percentile in NIIT 6th national aptitude test.

JNCL Library   Juniper, USA
🕐 6 M

Build a generic component library which can be used across multiple applications. The idea is to reduce the redundancy of code and implement a similar design pattern in all projects.

- Scanning existing applications and identify parts that can be converted to reusable components.
- Collaborate with designers to come up with generic UX and UI pattern for all components.
- Design and develop the architecture of the component library and document the guidelines of building a generic component.
- Develop components that are highly customisable using React JS, ES6, Webpack, SASS and other micro libraries.

JTAC Workbench   Juniper, USA
🕐 24 M

A dashboard based CRM application that helps the support engineers to search through customer cases and resolve them quickly.

- Build responsive layout of the application in Bootstrap framework and customize where ever required.
- Integrate data from REST APIs and Web Sockets with application modules and fix all UI related issues.
- Set up application architecture which uses NPM, Angular 1.x, Gulp, Bower JS, ES6 and other micro libraries.
- Implement functionality and business logic of application along with its unit test cases in Jasmine & Karma.

Winfield R7   Land O Lakes, USA & France
🕐 18 M

A precision farming decision support app (SPA) that uses geographical information systems (GIS) to provide critical information on agricultural planning.

- Build pixel perfect responsive layout of the application in HTML5 and Foundation framework.
- Work on presentational and functional issues on iPad and other handhed devices.
- Develop various reuasable components and utilities of the application using Angular 1.x and jQuery UI.
- Integrate modules like GIS map with rest of the application architecture.

Trading   Success Trade, USA
🕐 9 M

An HTML5 based trading platform (SPA) that allows the users to buy/sell stocks in real time. Also provides trade reports, interactive data representations etc.

- Build application modules using Knockout JS and Vanilla JavaScript.
- Building the core application component which integrates knockout and jQuery Datatables together.
- Integrate streaming data from a diffusion server with app modules.
- Create interactive visualizations like Bar-charts, Pie-charts, Heat-maps using JS JIT framework.
- Develop HTML & CSS prototypes of several widgets and perform client side validations on input data.

PR | FSS   Fox Sports, USA
🕐 7 M

Web based responsive applications used by Fox Sports for all press releases, social support events and similar activities.

- Developed pixel perfect responsive layout using Bootstrap supporting most major devices and browsers.
- Worked on template binding and lazy loading using JS Handlebars library.
- Build custom JavaScript components which are modular & scalable.
- Worked on validating the numerous form fields present throughout the application using JavaScript.
- Customize and integrate jQuery plug-ins for better user interaction (pagination/tool-tips/modal dialogs).

Similar Projects

AMPT NYT (New York Times), USA	🕐 7 M	**TWMS Mobile** Ingersoll Rand (IR), USA	🕐 2 M
DealerNET Doosan Infracore, USA	🕐 3 M	**E-learning** Trelleborg, Germany	🕐 2 M
RAM CNBC, USA	🕐 3 M	**MB2C** 53rd Bank, USA	🕐 5 M