

Gautam Mankatti

Front-end Specialist

Advanced UI engineer with over 15 years of experience in all phases of SDLC, focusing on conceptualizing business needs and translating them into viable technical solutions. Strengths include excellent command over front-end technologies, successful analysis and architecting advance web / hybrid systems using latest technologies.

Strong background in UI development environment has provided the opportunity to work on a diversity of software projects, especially focusing on web-based / hybrid application development using HTML5 / CSS3 technologies & top-of-the-class UI frameworks & tools viz. React, Redux, Angular, Backbone, Node, Webpack, Gulp, Yarn/Npm, Jasmine, Karma.

| <i>IT Skill sets</i> | |
|-----------------------------|--|
| Operating systems | Windows 10, Linux, Mac OS (Mojave) |
| Languages | Javascript (ES6 / ES2015), C# |
| Web Technologies | HTML5, CSS3, Bootstrap, Foundation, jQuery, JSON, REST, Ajax |
| UI Frameworks | React, Redux, Angular, Backbone, Node, Express, SASS, Less |
| Unit Testing Tools | Mocha, Chai, Jest, Enzyme, Jasmine (BDD), Karma |
| Database | Mongo DB, MySQL, SQL Server |
| IDE | Visual Studio Code, Atom, Brackets, Sublime Text |
| Tools | JS Fiddle, CodePen.io, Heroku, Yarn, Lodash, Babel, Gulp, Webpack |
| Cross-platform Tools | Cordova, Ionic |
| Web server | Node, Apache Tomcat, XAMPP |
| Management Tools | MS Project, Ganttter |
| Bug tracking | Jira, Bugzilla |
| Version Control | Github, BitBucket |

Awards

- Grand prize winner for Hack-a-thon 2016-17 contest (Client – EllieMae)

Professional Experience

Dec 2015 – Till date

Xoriant Corporation (US)

UI & Platform Specialist

Project I Consumer Connect / TPO - Application development (Client – EllieMae)

Description Consumer Connect (CC) is a mortgage related sophisticated suite of web applications allowing consumers to apply for a mortgage loan, view or upload loan-related documentation and monitor the status of their existing applications. It's a highly customizable product that allows lenders to tailor-make the borrower-facing applications. TPO is a web product catering to the Third-party lender organizations.

Contribution

- Architected next-gen version of Consumer Connect (v2) using React | Redux | Foundation | Webpack | Jest / Enzyme – a highly scalable and efficient product compared to its predecessor.
- Development of the Consumer Connect & TPO products created using the homegrown "Swift UI" framework built using ES6, Angular, Less, Webpack.
- Development of the v1 Consumer Direct product created in Knockout JS, Kendo UI.
- Architected & currently developing the latest version of Consumer Connect using React & Redux, leveraging top class open source technologies.
- Presenting demo to the top executive team of the company, showcasing the technical accomplishments on the UI front at the end of every sprint.
- Collaborating with Product & UX teams to discuss requirements in grooming meetings and provide suggestions, both functional & technical.
- Performing code reviews for implementations provided by vendor teams.

Environment HTML5, CSS3, Sass, Javascript (ES6), Foundation, FontAwesome, React, Redux, Webpack, Mocha, Chai, Enzyme, microservices (REST apis).

Project I MoneyStream Application development

Description MoneyStream is an online cash flow organizer plus bill payer. It displays your current cash flow status as well as future trend. Built using Ember JS, MoneyStream allows connecting to bank accounts & biller accounts securely and even allows online payment from within the application.

Contribution

- Building an initial prototype for the newer version of MoneyStream web application using Ember JS, Handlebars & Bootstrap. Services exposed via RESTful apis.
- Refactoring existing (legacy) code base to improve code quality & scalability.
- Technically helping the team by providing architectural solutions and resolving queries that act as blockers.

Project II Mozilla – Firefox OS Application development

Description Smartphone operating system based on Linux and Mozilla's Gecko technology. It is built upon open web standards like HTML5, CSS3, and JavaScript. Mozilla's open web apps are installable on Firefox OS, and other Firefox-supported platforms via Mozilla's web run time technology.

Contribution

- Spearheaded the Firefox OS open web application development in Xoriant, right from its conception till current day. Built a team of UI professionals incubated the project, evaluated technologies & frameworks to build the apps and was involved actively during the evolution of the project.
- Responsible for evaluating UI frameworks and choosing the right toolset based on requirements and performance considerations. Also responsible for deciding Angular JS as the preferred technology based on nature of projects.
- Analysis, designing, development of multiple Firefox OS applications under the Mozilla charter.
- Extending the foray of Firefox OS applications to HTML5 based game development projects using Phaser JS framework.
- Developed an App Kickstarter framework aiming to aid in rapid development of open web apps, including Firefox OS apps – Project made available as open source @ <https://github.com/xoriantcorporation/ffos-app-kickstarter>
- Framework was developed using – Angular JS at the core along with Twitter Bootstrap, Node, NPM, Bower, Gulp, Browser Sync.

- Conceptualized application development approach for a recently acquired stream of support & maintenance of existing Firefox OS projects.
- Successfully released 2 Firefox OS applications on Firefox Marketplace – Aviary & Wordpress. Viki & British Council apps are in the works.

Environment HTML5, CSS3, Javascript, Bootstrap, FontAwesome, Angular JS, jQuery, Firefox OS APIs (Web APIs & Web activities), Node, Express JS, Mongo DB.

Project III Egnyte

Description Egnyte is a web based content sharing solution that uniquely combines sharing, organization & a powerful search capability across multiple accounts. Using continuous synchronization, Egnyte seamlessly integrates the PC desktop to the web. It provides a way to share, search and tag your documents with others online, keeping old versions and an audit of changes along the way.

Contribution Responsibilities included:

- Kick-started the project from a team of 4 (including the CEO), to the current offshore technical team at Xoriant with strength of 40.
- Analysis, designing, development of product UI.
- Implementation of Backbone UI framework & integration of widgets, along with refactoring of legacy JS code into OOJS based modular code.
- Was actively involved in evaluating UI frameworks at different stages of the project – from Ext JS (Sencha), to jQuery, to John Resig’s Simple Javascript inheritance (Class.Extend) to Backbone JS / Rivets / Marionette currently.
- Making on-site trips to the client headquarters in CA, USA for business requirement analysis and design discussions
- Client communication on a regular basis

Environment jQuery, Backbone, Underscore, Rivets, Marionette, Require JS, DWR (Ajax), JavaScript, CSS, SASS, REST, JSON

Nov 2002 – Dec 2005

Mastek Ltd

Programmer Analyst

Project I Masteknet

Description Worked as a Programmer Analyst on a web-based project MastekNet, which in itself, is a one-stop repository for all Employee-related information like pay slips, leaves, attendance, vouchers etc. It includes: Performing A-Z online activities related to the organization (Mastek). The project facilitates employee management, payroll system, HR management et al. Also involves interaction between ASP, ASP.NET applications & SAP for data retrieval and updating via use of VB COM & SAP BAPI(s).

Contribution

- Analysis, designing, development, and bug fixing
- Development of various modules, using ASP.NET (C#), Visual Basic.
- Provided technical / functional consultancy, Code review
- Configuration-in-charge for maintaining proper version control

Environment ASP, ASP.NET, VB, COM, SQL Server 2000

Education Bachelor of Engineering (BE), Mumbai University.