

Gautam Mankatti

UI & Platform Specialist

Front-end 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. Angular, Backbone, Ember, Node, Express, Webpack, Gulp, Yarn/Npm, Jasmine, Karma.

IT Skill sets

Operating systems	Windows 10, Linux, Mac OS (High Sierra)
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, Lodash, Babel
Unit Testing Tools	Mocha, Chai, Jasmine (BDD), Karma (Test runner), Enzyme
Database	Mongo DB, MySQL, SQL Server
IDE	Visual Studio Code, Atom, Brackets, Sublime Text
Tools	JS Fiddle, CodePen.io, Heroku, Yarn, Bower, NPM, Gulp, Webpack
Cross-platform Tools	Cordova, Ionic
Web server	Node, Apache Tomcat, XAMPP
Management Tools	MS Project, Ganttter
Bug tracking	Jira, Bugzilla
Version Control	SVN, Github

Awards

- Grand prize winner for Hack-a-thon 2016-17 (company event)

Professional Experience

Dec 2015 – Till date **Xoriant Corporation (US)** **UI & Platform Specialist**

Project I **Consumer Connect / TPO - Application development**

Description Consumer Connect (CC) product is a borrower-facing web product allowing consumers to apply for a mortgage loan, view or upload loan-related documentation and monitor the status of their existing applications. TPO is a web product catering to the Third-party lender organizations.

Contribution Responsibilities included:

- Development of the v1 Consumer Direct product created in Knockout JS, Kendo UI. Helped the team support the product as well till end of active development.
- Development of the next-gen v2 Consumer Connect & TPO products created using the homegrown "Swift UI" framework built using ES6, Angular, Less, Webpack.
- 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.
- Working with offshore teams to provide technical assistance & guidance.
- 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).

Dec 2005 – 2015

Xoriant Solutions Pvt. Ltd

UI & Platform Specialist

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 Responsibilities included:

- 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 Responsibilities included:

- 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 Responsibilities included:

- 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

June 2002 - Nov 2002

Aurion Pro Solutions

Sr. Software Engineer

Project I Collection Recon

Description An intranet project which includes:
Online reconciliation of bank check accounts. Project was developed in a combination of ASP & COM components.

Contribution Responsibilities included:

- Development of various modules of the project
- Coordination with team members to integrate different modules.
- Peer reviews

Environment ASP, SQL Server 2000

Education Bachelor of Engineering (BE), Mumbai University.