Gai Vien

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EXPERIENCE

Beepi, *Software Engineer*, Los Altos, CA   Jan 2016 - Apr 2016

- Built responsive web applications (including beepi.com/careers, /blog, /about, /contact, /press, /FAQ, /leasing, /financing) using Javascript (Angular.js/jQuery), CSS3/Sass, HTML5, Bootstrap, C# (ASP.NET), AWS (S3/EC2).
- Created reusable components and templates for use throughout Beepi web infrastructures.
- Integrated external and internal APIs including Google Maps API, Greenhouse API, Internal Employee API, etc. throughout Beepi web applications.
- Collaborated with designers and project managers to translate visual concepts into functional and interactive web applications.
- Engaged in sprint meeting, participated in code reviews, and suggested feedback on best practices.
- Built web applications optimized for usability, scalability, and major search engine optimization (SEO) such as Google, Yahoo, Bing, DuckDuckGo.
- Worked with Data Science team to integrate business analytics to track user engagement with Mixpanel and Google Analytics.
- Set up and maintained Wordpress server (PHP server) with AWS EC2 (Beepi new responsive blog page).

Stellartech Research Corporation, *Engineering Services Specialist*, Milpitas, CA   Oct 2014 - May 2015

- Managed and upgraded design for three product lines to comply with European environmental standard (Restriction of Hazardous Substances Directive or RoHS Directive).

Clarity Medical Systems, *Manufacturing Engineer/Mechanical Drafter*, Pleasanton, CA   Jun 2012 - Sep 2014

- Reviewed and updated documentations to meet regulatory agency standards such as Food and Drug Administration (FDA).
- Resolved manufacturing issues, such as assembly mating issue and malfunction of electro-mechanical parts, and updated applicable procedures to reflect changes.

RECENT PROJECTS

PaperTrading | Full Stack Developer | http://gaivien.com/project/papertrading/

PaperTrading is a virtual trading platform that allows novice traders/investors practice trading stocks using real-time financial data. The benefits of the app are to allow anyone without a financial background to learn about finance and to boost confidence in investing.

- Designed one-to-many and many-to-many database schemas that mapped users, relationships, stocks, posts, trades, watchlists, and portfolios.
- Integrated several APIs (TradeKing, SendGrid, New York Times) and Amazon Web Services S3 (AWS S3) into application.
- Created user stories and and designed wireframes to layout web application.
- Wrote tests for features implemented in the app including models, controllers, mailers, and integration (features).
- Architected all features in the backend (APIs integration, testing, database/model, etc.) and front end (user stories, layout, design, etc.) of the application.

Persistent Tasks Manager | Front End Developer | https://gai-persistent-tasks-manager.herokuapp.com/

Persistent Tasks Manager is a front-end-centric web app that uses HTML5 Web Storage API (Local Storage) to store tasks list. A user can create tasks list, mark as done, and have the list saved inside the browser. Source code available at https://github.com/gVien/persistent-tasks-manager

- Designed the front-end theme and interface that is responsive on all devices.
- Built with Javascript (jQuery), HTML5, CSS3/Sass, and HTML5 Local Storage API.

Loanify | Full Stack Developer | https://gai-vien-loanify.herokuapp.com/

Loanify is a financial application that lets user apply for a loan through a simple form interface. After applying for a loan, the user can view the status of the loan application. Built with Rails, Devise, Friendly_id, Prawn PDF generation, PostgreSQL, Paperclip, AWS S3, Heroku, jQuery, AJAX, CSS3/Sass, HTML5. The app is fully tested with Rspec, Capybara, FactoryGirl, and Selenium. Source code available at https://github.com/gVien/gv-app.

- Created user sign up/login with Devise user authentication gem and friendly URLs with Friend_id gem.
- Designed database schemas, the simple and friendly user interface and loan dashboard.
- Hook Paperclip and Prawn PDF gems with AWS S3 to store the loan application PDFs.
- Fully tested the application using Rspec, Capybara, FactoryGirl, and Selenium.

SKILLS

PROFICIENT: Javascript, AngularJS, jQuery, CSS3/Sass, HTML5, AJAX, Bootstrap, Handlebars.js, D3.js, Highcharts.js, Ruby, Ruby on Rails, Sinatra, PostgreSQL, Git, Heroku, Amazon Web Services (AWS) S3/EC2, TDD (Rspec/MiniTest), Npm
PRIOR EXPERIENCE: C#, ASP.NET, React.js, MetorJS, Express.js, Cordova, MongoDB, MySQL

EDUCATION

University of California, Davis
BS Mechanical and Aeronautical Engineering, Mathematics Minor
University of California at Davis, Davis CA