



Ye Huang

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Profile

A big fan of web technologies and data visualisation with a strong background in Geoinformatics. Highly developed skills in Javascript, Ruby and Python with 4 years of hands-on experience in web development ranging from rich client applications to complex web services. To know more about me, please visit [my personal website](#).

Experience

FRONT-END DEVELOPER, TIETO OY, HELSINKI, FINLAND – 06/2016 - 01/2017

▶ Telematics (06/2016 - 01/2017) - Front-end Developer

Participating design and development of a IoT & GIS-based web service whose main tech-stack is made up of React, Flux, Firebase, Google Cloud Platform, MySQL, Java, ElasticSearch, Swagger, Docker, Kubernetes, Jenkins, Sketch, Webflow and Atlassian(Jira, Confluence and Bitbucket).

▶ UPM 4Maint (01/2017 - Present) - [UPM](#) - Consultant & SW Developer

Proposing solutions for UPM 4Maint (a HTML5 hybrid mobile app) in several aspects(role-based authentication, session expiration, SQLite database pre-preparing and preloading, cordova plugins usage, async data loading and binding, etc). Developing a prototype for demonstration in using Angular2, Ionic2, TypeScript, RxJS, Cordova, SQLite, Auth0, Firebase.

WEB DEVELOPER, SOLUE OY; HELSINKI, FINLAND – 05/2014 - 05/2016

▶ Palkkaaminut CMS (11/2015 - 12/2015) - [Palkkaaminut.fi](#) - Front-end Developer

Cooperating with designers to craft HTML mockups for [www.palkkaaminut.fi](#) based on Craft CMS, jQuery and Bootstrap.

▶ Fysios CMS (11/2015) - [Fysios Group](#) - Front-end Developer

Participating the development of [Fysios](#) which is built on Craft CMS and integrated with Knockout.js and Foundation on the client-side.

▶ Witrafi Admin CMS (06/2015 - 12/2015) - [Witrafi Oy](#) - Front-end Developer

Designing and developing the client-side based on Witrafi's RESTful APIs, AngularJS and Bootstrap. Other tools for project management and testing included Yeoman, Grunt, Bower, Protractor and Jira.

▶ Grocialist (06/2015 - 11/2015) - [Grocialist Oy](#) - Front-end Developer

Developing the client-side based on Grocialist's Restful APIs. The main tech-stack was made up of AngularJS, Facebook APIs, jQuery and Bootstrap.

▶ AngularFire-Ionic Live Chat Room (02/2015 - 03/2015) - Solue Oy - Web Developer

[This project](#) was a HTML5 hybrid mobile app for live chat and was originally designed to test the real-time feature of Firebase and the performance of Ionic on mobile platforms.

▶ Witrafi Cloud Parking Service (10/2014 - 08/2015) - [Witrafi Oy](#) - Front-end Developer

Crafting a seamless client-server integration with AngularJS, Bootstrap, Witrafi's RESTful APIs,

GoogleMap APIs and Solinor Payment APIs. Other tools contained Yeoman, Grunt, Jira and Slack.

▶ FinMeas HTML5 Hybrid Mobile App (09/2014 - 04/2015) - [FinMeas Oy](#) - Coordinator/Tester
Proposing potential technical architectures, creating mobile app mockups in using AngularJS and Sencha Touch, coordinating project by Jira/Bitbucket/Slack and testing products before the final release.

▶ Aemdee Medical Online Service (05/2014 - 09/2014) - [Solue Oy](#) - Full-stack Developer
Participating design and development of Aemdee web service as a full-stack developer in using Ruby on Rails, Backbone.js, jQuery, D3.js, CoffeeScript, Bootstrap and MySQL.

▶ Diktamen/QuattroFolia/GloPos (05/2014 - 10/2015) - [Diktamen Oy/Quattro Folia Oy/GloPos Technologies](#) - QA Tester
Designing, documenting and implementing manual and functional test cases for Diktamen (A Healthcare App on Android, iOS and WP), QuattroFolia (A Healthcare App on Android) and GloPos (An Indoor Positioning App on Android), while reporting, tracking and managing bugs/features/improvements on Jira.

WEB DEVELOPER FREELANCER; HELSINKI, FINLAND – 08/2015 - 12/2015

▶ Tapio Wirkkala and Rut Bryk Archive (08/2015 - 12/2015) - [TWRB Foundation](#) - Web Developer
Crafting the technical solution and mockups, manipulating seed datasets by using FileMaker and building the [application](#) on top of AngularJS, Firebase and AWS S3/CloudFront CDN.

Education

- ▶ Aalto University, Finland – Master's Degree in Geoinformatics, 2012 - Present
- ▶ Sun Yat-sen University, China - Bachelor's Degree in Geoinformatics, 2008 - 2012

Skills

- ▶ Programming languages and Databases: Javascript (AngularJS, React, Relay, ExtJS, Knockout.js, Sails, Koa.js), CSS(Sass/Less, Bootstrap, Foundation, Semantic-UI), Ruby (RoR), GraphQL, MongoDB, PostGIS, MySQL
- ▶ Tools & Cloud Services: NPM, Grunt, Gulp, JSPM, Webpack, Jasmine, Karma, Protractor, Git, Bitbucket, Atlassian, Travis CI, Circle CI, AWS, GCP, Heroku, Firebase
- ▶ Visualisations: D3.js, Google Visualization, Tableau, ArcGIS, OpenGeo Suite(Geoserver, OpenLayers), Mapbox, CartoDB, Matlab, AI/PS

References

- ▶ [Github](#), [Linkedin](#), [Personal Website](#)
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