



Alexander Chao

Senior Front-End Developer

10+ Years Experience

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GitHub:

github.com/itundret

EDUCATION:

Bachelor of Computer Science | The University of Hong Kong, Hong Kong, SAR, 2006 - 2010

- Maintained 4.0 GPA in front-end design classes
- Pursued a passion for prototyping with JavaScript
- Participated in the faculty project
- Dean's List for 5 semesters

PROFESSIONAL CERTIFICATIONS:

- Front End Developer Certification, SkillValue, 2021
- Certification of Professional Achievement In Angular, TestDome, 2021
- Certified Angular 12, SkillValue, 2021
- ReactJS Advanced Level Certification, SkillValue, 2021
- React, Ranking In The Top 10% Certification, TestDome, 2021
- Certified JavaScript ES6, SkillValue, 2021
- JavaScript, Ranking In The Top 10% Certification, TestDome, 2021
- Node.js Certification, SkillValue, 2021
- Node.js, Ranking In The Top 10% Certification, TestDome, 2021
- Certified PHP, TestDome, 2021
- Laravel Certification, SkillValue, 2021
- Front-end Web Optimization Certification, SkillValue, 2021

SKILLS:

- Understanding of key design principles
- Proficiency in HTML5, CSS, SCSS, JavaScript, TypeScript and jQuery
- Deep understanding of server-side web frameworks such as Laravel, Django, Express.js
- Experience with modern JavaScript frameworks such as Angular, React, Vue.js, NGRX, RXJS, Redux, Vuex
- Experience with responsive and adaptive design
- Understanding of SEO principles and 3rd party APIs
- Good problem-solving skills
- Excellent verbal communication skills

LANGUAGES:

- English – Fluent
- Chinese – Fluent
- Korean - Native

PROFESSIONAL EXPERIENCE:

LEAD DEVELOPER, SELF-EMPLOYED, PART-TIME, GROWYSpace, Stockholm, SE *Dec 2020 – Current*

- <https://growyspace.com>
 - Heavily Involved in UI Responsive Designs of the project, using HTML, jQuery, CSS/CSS3, JavaScript and DOJO, Bootstrap, Node.js.
 - Utilized MVC, Prototype, and Singleton JavaScript patterns to develop the application.
 - Used NODE.JS and written node.JS application in JavaScript and can be run within the node.JS runtime.
 - Developed custom web application interfaces using HTML and CSS to meet the requirements of the client.
 - Designed dynamic and browser compatible pages using HTML, DHTML, CSS, jQuery and JavaScript.
 - Developed web pages and tools for selling a home, and was responsible for all the front-end development on my team.
 - Worked on the front end using HTML, CSS, JavaScript, and YUI, and the back end using Java and Python (*HTML, CSS, JavaScript, Bootstrap 4, Dojo, jQuery, Node.js*)

SENIOR FULL STACK ENGINEER, CONTRACT, FULL TIME, MINDBUILD, Sydney, AU *Jan 2020 – Dec 2020*

- <https://mindbuild.com.au>
 - Be an active member of the Development team to contribute to team dynamics, ways of working, and assisting with improvement opportunities.
 - Defines development tasks, assigns tasks to the development team, and monitors and reports the status of development tasks.
 - Conduct estimation of time utilization of different resources and activities.
 - Develop, test, implement, and maintain application software working with established processes. (*Angular 7, Node.js, MongoDB, Mapbox, Chart.js, PHP, MySQL, XML*)

SENIOR FRONT-END DEVELOPER, PERM, PART TIME, VISIT GROUP, Gothenburg, SE, *Dec 2016 - Dec 2019*

- <https://annonsera.tyda.se>
 - Design and Develop the frontend (UI) of a cross-platform (iOS, Android, Windows) application targeting desktop and mobile platforms.
 - Manage technical projects for business stakeholders acting as a liaison between internal clients and development teams. (*React Js, Express.js, Node.js*)
- <https://bax-shop.se>
 - Work closely with other software engineering teams and 3rd party specialists (e.g. cloud services developers, UI/UX experts)
 - Interact with key stakeholders on an ongoing basis to solicit input and feedback. (*Handlebars, React.js, BootStrap 3, JQuery*)
- <https://studentportal.bth.se>
 - Designing, creating, coding, and maintaining the content of the websites/my studies/case pages/contact.
 - Anticipating and providing support in solving technical issues. (*Angular 5*)
- <https://kokaihop.se>
 - Assist in the design and implementation process for new products/projects, informing senior executives of alternatives.
 - Cooperating with the back-end developer in the process of building the RESTful API.

(Angular 1, RESTful API)

- <https://coorkonferens.se>
 - Coordinating the workflow between the end-user, product OWNER, developer, and myself.
 - Crisp Communication with Clients and work as an interface between team members and Client counterparts.
(Angular JS, Highcharts, LiveChat, ASP.NET)
- <https://sjusjoar.se>
 - Developing and Administer the new Vue-based website.
 - Taking an active role in structuring our single-page applications to make them easy to maintain and to ensure they are highly modularized.
(Vue.js, PHP 7, MySQL)
- <https://skog-supply.se>
 - Work with the test engineering team to assure product quality.
 - Working knowledge of front-end optimization and performance techniques.
(Vue.js, Java, JQuery, Bootstrap 3)
- <https://vendelsoik.se>
 - Translate wireframes/PSDs into launch-ready, valid HTML/CSS.
 - Test website pages on all supported desktop and mobile browsers and optimize content for mobile sites and apps as necessary.
(Vue.js, JQuery, Bootstrap 3)
- <https://coorkonferens.se>
 - Integrate new web pages, email, and lookbook templates, as well as other marketing web/mobile content.
 - Develop interactive web interfaces and animation using HTML, CSS, JavaScript, and jQuery.
(vue.js, WordPress, JQuery, HTML 5, CSS)
- <https://bonduelle-foodservice.se>
 - Interacting with Marketing teams across Europe to develop approved language-specific assets for each market.
 - Version control and full use of the software development life-cycle.
(Angular 6, PHP, MYSQL)
- <https://enliven.se>
 - Responsible for people management, including goal setting and providing performance feedback.
 - Working with solution architects and other developers to design, develop, test, document, and deploy applications and services as part of future projects.
 - Work with backend developers on RESTful API designs - assist with future scripted API and WebSocket investigations.
(React, Meteor, Node.js, Express.js, MongoDB)
- <https://taxikurir.se>
 - Implement software components according to the design specifications.
 - Participate in estimating project efforts and delivery timelines.
(React.js, Next.js, Node.js, AWS)
- <https://hassleholmsdepan.oresundstag.se>
 - Develops and maintains a plan for an organization's Internet presence, based on management priorities, policy directions, and established goals.
 - Work with database-backed Unix daemons and data parsing command-line tools.
(DatoCMS, React.js, Gatsby.js, Nginx, Ubuntu)
- <http://coastly.se>
 - Mobilize, align and manage technical developer resource teams including resource allocation and capacity management.

- Establish methods for code development and migration within dev, test, prod environments for consistent methodology across releases.
(*Vue.js, Vuex, Node.js, MongoDB, socket.io, Third-party API*)

SR FRONT-END DEVELOPER, PERMANENT, FULL TIME, BEYONDTRUST, Halifax, CA, Sep 2013 - Oct 2016

- <https://topmenu.com>
 - Collaborate as a member of an agile team to get products developed and completed with the best-in-class software development.
 - Contribute to and follow best practices for high-quality software development, defect management, and Test-Driven Development (TDD) practices.
(*Vue.js, BootStrap 3*)
- <https://profile.intuit.ca>
 - Collaborate to develop conceptual and detailed development plans and work with internal and external resources to drive the plans to completion.
 - Involvement in the development life cycle on large-scale development and enhancement projects, providing LOE estimates and guidance on the scope.
(*React.js, Next.js, Node.js, ASP.NET*)
- <http://finedentistry.ca>
 - Architect, implement and manage web-based applications, databases, and interfaces from initial architecture through development, test, and deployment.
 - Deadline-focused, detail-oriented, well-organized, and self-motivated.
(*HTML, CSS, , BootStrap 3, WordPress, Chart.js, PHP, Laravel, MYSQL*)
- <https://airportcargo.ca>
 - Design, coordinate and troubleshoot integrations, components, and infrastructures to run enterprise-class websites.
 - Develop and deploy web applications and client-side web interface components that interact with relational database management systems that integrate with third-party API, authentication, and authorization infrastructure.
(*Angular JS, Angular Material, Java, AWS*)
- <https://plaza.dsolver.ca>
 - Manage technical integration with third-party services.
 - Evaluate and implement new programming languages and technologies. Provide life-cycle management for software and code.
(*Angular JS, Node.js, Express.js, Stripe 2*)
- <https://highmarkhomes.ca>
 - Participates in product development in all stages including planning, design, development, testing, implementation, and post-deployment support.
 - Work in partnership with the Project Lead to issue regular status reports and troubleshoot problem areas.
(*Vanilla, Bootstrap 3, jQuery, PHP, MySQL*)
- <https://store.awmc.ca>
 - Optimized the database structure and made the relationship with tables.
 - Added the new subpages and fixed the responsive issues.
(*Vue.js, PHP, Laravel, BootStrap 4, jQuery*)

SENIOR WEB DEVELOPER, FREELANCE, UPWORK, California, US

May 2012 - Aug 2013

- <https://jukeboxyesterday.com>
 - Worked as a team member for a large project using Angular material
 - Contributed to many projects and clients with Angular, Vue.js, and React
 - Experienced in the use of Typescript, Chart.js and work closely with back-end developers in the team.
(Angular 1. x, D3.js, JavaScript, PHP, MySQL, Laravel)
- <https://midnightwithdebo.com>
 - Worked in a fast-growing and challenging environment with like-minded people who are eminent in their respective technical fields.
 - Designed and implemented data storage solutions.
 - Participating in Agile development activities including sprint planning, stand-ups, retrospectives, and demos.
(HTML5, CSS3, JavaScript, BootStrap 3, JQuery, AWS, PHP, MySQL, Laravel)

WEB DEVELOPER, PERMANENT, FULL TIME, OURSKY, Hong Kong, SAR

Apr 2010 – Apr 2012

- <https://oursky.com>
 - Managed front-end development of client sites. Used HTML5, CSS3, and JavaScript to develop UX that raised dwell time by 35%.
 - Collaborated with back-end developers to identify and remove user impediments to purchase. Result: 20% rise in conversions.
(HTML5, CSS3, JavaScript, BootStrap 2, JQuery, AWS, PHP, MySQL, VB)
- <https://intercorp.asia>
 - On-boarded and mentored 5 new front-end developers through regular coaching sessions and work reviews. Improved KPI attainment by 22%.
 - Used CSS3 and Photoshop to boost UX scores by 28%.
 - Developed front-end code for 25 product prototypes per year.
(HTML5, CSS3, JavaScript, BootStrap 2, JQuery, AWS, PHP, MySQL, WordPress, Joomla)
- <http://olympiacorp.com.hk>
 - Used JavaScript to develop patient intake web form for the veterinary office.
 - Wrote web app to sell wooden carvings with HTML, CSS, and JavaScript.
 - Used Joomla to develop a donations website for local animal shelters.
 - Wireframed 3 small business websites with Axure, with 99% client satisfaction.
(HTML5, CSS3, JavaScript, BootStrap 2, JQuery, AWS, PHP, MySQL, AJAX)
- <https://epwk.com>
 - Delivered responsive, cross-browser compatible, and accessibility compliant web applications, achieving faster load time than the industry average.
 - Produced stunning visual elements of web applications by translating UI/UX design wireframes into code while producing high-quality, reusable markup.
 - Ensure efficient web development by supporting designers and app developers while resolving web application performance issues.
(HTML5, CSS3, JavaScript, BootStrap 2, JQuery, AWS, PHP, MySQL, AJAX)