Alexander Chao

Senior Front-End Developer   10+ Years Experience

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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, PERMANENT- 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, Expess.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:// jukeboxyesterdays.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)