

Ephraim Pei

Web Engineer

Personal Info

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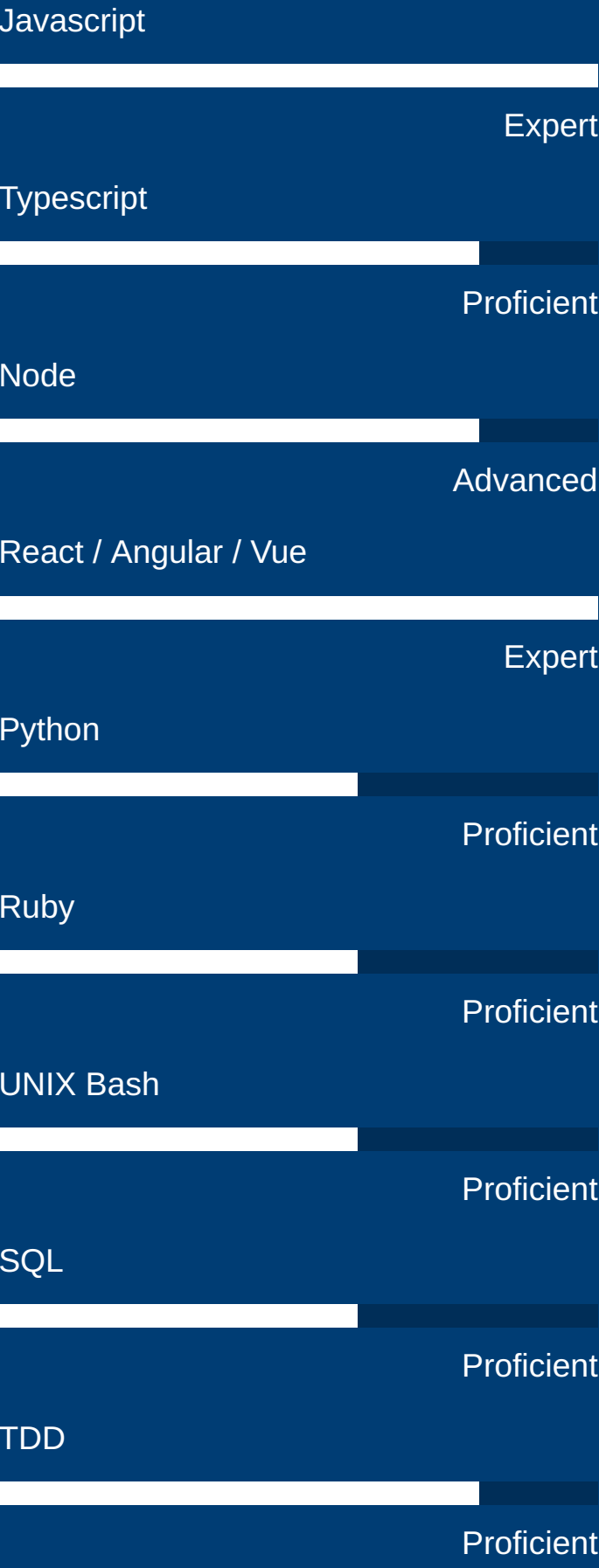
Github

https://github.com/ephraimpei

Instagram

https://www.instagram.com/ephraimpei/

Skills



Professional Web Engineer. Expert JavaScripter. Functional Programmer. Passionate Mentor.

Experience

04/2017 - present	Frontend Engineer <i>VICE Media</i> <ul style="list-style-type: none">Engineer for all Web based VICE Video productsImprove continuous deployment workflow with Travis CI, AWS deployments, Now.js test deployment builds, Coveralls, and Fastly CDN asset cachingBump code coverage from 5% to 30% using Karma, Enzyme, Chai, Sinon, and Chrome Headless. Enable code coverage visibility with Istanbul and Karma pluginsTransform bulky Embedded Vice Player script into highly cacheable and compact JS files with smart Webpack bundle splittingEmphasis on Node and frontend performance. Reduce Node data response times by 50% and shed frontend memory consumption by 15%Migrate several codebases from JavaScript to Typescript. Stay up to date on Typescript changes to evangelize and teach new features to other developersLead engineer on highly visible project to implement video analytics into Vice Player
04/2016 - 04/2017	Frontend Engineer <i>Fusion Media Group</i> <ul style="list-style-type: none">Engineer for PHP powered site and vertical themed Node web appsTransform monolithic CMS application into 'headless' CMS architecture by splitting frontend code into Node appsBuild Node app featuring universally renderable React components, Redux data flow, custom feed layouts, API response Redis caching, and Akamai CDN asset cachingCore maintainer of shareable React components NPM moduleManage third party analytics vendor implementations with Google Tag Manager. Enforced async tag loading with cohesive event trigger chainsOwn web and video analytics initiatives. Implement custom metrics such as feed item depth and article scroll depthEnhance custom PHP based e-mail newsletter templating engine with vertical theming and modular newsletter section components
01/2016 - 04/2016	Software Engineer <i>Renaissance Albums</i> <ul style="list-style-type: none">Architect and developer for ERP and Wordpress data integration service
01/2013 - 09/2015	Senior IT Consultant <i>Ernst & Young</i> <ul style="list-style-type: none">IT business partner for web based supply chain product implementationsFunctional owner for several rapid prototype application deliveries
11/2009 - 12/2012	Systems Integration Analyst <i>Accenture</i> <ul style="list-style-type: none">Functional, test, and support lead for web based supply chain solutions.

Education

08/2005 - 05/2009	Lehigh University <ul style="list-style-type: none">B.S. Industrial Engineering, Cum Laude
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Additional Activities

- APEX For Youth, Mentor** - Partner with under-privileged Asian American youth to help reach personal and academic goals
- ScriptEd, Advanced Javascript Teacher** - Taught a weekly Advanced Javascript class to high performing high school youths
- Sports Aficionado** - Indoor rock climber, cyclist, basketball player (huge NBA fan)