Rattanak Chea

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Professional Experiences

DP World   Dec 2019 – Current
Software Engineer II   Bellevue

- Developed enterprise application for DP world cargo logistics that facilitates tracking containers shipments globally.
- Built responsive application to provide intuitive user experience from functional and technical requirements.
- Communicated with multi-disciplinary team of engineers, designers, project managers to scope out the requirements and deliverables.
- Refactored legacy code to make it more clean, maintainable, and performant in high development standard.

Technology: Angular 11, Typescript, NodeJS, Postgres Database, Azure Web Service for CI/CD.

ZEN3 InfoSolutions   Jan 2019 – Dec 2019
Software Engineer   Redmond

- Built front-end UI with Angular that integrates with Web APIS, custom component library and services. Used lazy loading to optimize site performance and network requests.
- Built back-end web services on Microsoft Azure following microservice architecture and RESTful design, using .Net Core, Service Fabric, App Service, Cosmos Db, AAD, message queues, key vault, etc.
- Implemented best coding practices, style guides and documentation to make codebase maintainable.

Technology: Angular 6, TypeScript, ASP.net core, C#, Cosmo DB, Azure Pipelines.

AMAZON   June 2018 - Oct 2018
Software Engineer Consultant   Seattle

- Built internal tools and dashboard application to collect data from Amazon fulfillment centers
- Actively contributed during software design life cycle from product planning, functional requirement, development and testing stages.
- Designed database and developed SQL queries and Web REST API
- Built custom extensible Angular module for library date-picker
- Implemented both back-end and front-end on AWS

Technology: JavaScript, Ruby, HTML, CSS, Angular 6, Redshift Database, Material Design

UpTop   July 2016 - Jan 2018
Full Stack Software Engineer   Seattle

- Designed and implemented a modern web stack for Microsoft Cloud Launchpad project
- Used React, Angular 4.0, Webpack, npm to build new UI infrastructure

- Wrote organized, maintainable, and reusable code for backend and frontend
- Reduced development time and cost by 20% by evaluating the right technology, tools and frameworks.

Web Developer Freelance   Sept 2014 - July 2016
- Companies: DeLapp Design, Dental ADP, Meddle Inc.
- Built cross browser web and mobile applications.
- Developed custom WordPress themes and plugins
- Resolved issues of client's facing application in responsive timeframe

Technology: AngularJS, Firebase, JavaScript, Cordova, PHP, WordPress, JavaScript, CSS3, MySQL

Education

University of Washington, Bothell   Sept 2011 – June 2014
B.S in Computer Science and Software

Technical Skills

Programming Languages and Design Patterns
JavaScript, TypeScript, jQuery, Python, Java
OOP, MVC, SPA, Web API

Framework and Dev Tools
Angular, NodeJS, Express, Git, Azure DevOps, HTML 5, CSS, SASS, Bootstrap, Material UI
MongoDB, SQL, WordPress development, Flexbox layout, Bash

Unit Test: Jest, Mocha, Jasmine
Build tool: NPM, Webpack, Grunt, Gulp, Babel