JAMES CHANG

Senior Front-End Engineer

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PROFESSIONAL SUMMARY

- 7 years of experience as a senior frontend engineer in using HTML, HTML5, CSS, CSS3, SASS, JavaScript, TypeScript, ES6, React, Vue, Angular, Node, Express, AWS.
- 6 years of IT experience involved in various stages of the Software Development Life Cycle from requirements gathering, design, enhancement, test, modeling, analysis, and production as a frontend engineer.
- Well-versed with JavaScript / React / Vue / Node / Express / PHP / MySQL / MongoDB.
- Rich experience with HTML, CSS, and JavaScript.
- Extensive knowledge in developing single-page applications (SPAs).
- Experience in React for creating interactive UIs using One-way data flow, Virtual DOM, JSX.
- Expertise in designing and developing REST APIs.
- Experience with GraphQL, worked with Apollo GraphQL in Node.js.
- Experience with implementing CI/CD, docker and familiar with GitHub environments to manage repositories and workflows.
- Experience in Unit Testing frameworks like Mocha, Chai, and Jasmine Integration Testing.
- Experience in integration of AWS with other applications infrastructure.
- Good experience in CSS pre-processors like Sass, LESS, Stylus.
- Knowledge of utilizing cloud technologies including AWS.
- Expertise in RESTful, SOAP web services to integrate between Application-to-Application Experience with front-end development with back-end system integration.
- Hands-on experience improving performance issue and SEO issues using creative strategies.
- Experience in Version Control tools like GIT, SVN for Source Code version management.
- Rich experience with Agile and SCRUM.
- Strong analytical skills, teamwork skills, problem-solving skills, and excellent communication skills, interpersonal skills.

SKILLS

- **Front End Development**
  Semantic HTML5 | CSS3 | media queries | animations | SEO
- **React**
  JSX | Hooks | Material UI | React Context | Styled Component | Redux | Next.js
- **Vue/VueX/Nuxt.js**
- **SCSS/Sass/Less/Stylus**

- **Node.js, Express.js**
- **AWS, Azure, Micro Services**
- **RESTful APIs**
- **Sketch**
- **Figma**
- **Software Development and Architecture**
- **Performance Optimization**
- **Knowledge of SEO**
- **Troubleshooting and Quality Control**

- **JavaScript, ES6+, C/C++, Type Python, PHP**
- **UI/UX**
- **npm & yarn**
- **Unit & Integration Testing**
  Jest, Enzyme, Cypress, React Testing Library, Mocha, Jira, Jasmine, Chai
- **Debugging**
- **CSS Frameworks/Libraries**
  Bootstrap 4, MUI, Tailwind, Ant
- **Responsive Design**
- **SQL, Oracle, PostgreSQL, MongoDB**
- **CI/CD**
- **GraphQL**
- **Docker**

- **Source and Version Control: Git, GitHub, Bitbucket, SVN**
- **Agile Processes**
- **Scrum methodology**
- **Cross-Functional Collaboration**
- **Front-End and Back-End development**
- **Flask**
- **Socket.io**
- **Strong Analytical skills**
- **Good Communication and Interpersonal skills**
- **Creative thinking skills**
- **Decision-making skills**
- **Problem-solving skills**

EXPERIENCE

Senior Frontend Engineer, GE-Digital, San Ramon, CA   Nov 2019 – Present (Remote)

- Maintained a 100% customer satisfaction rating by developing and implementing software solutions based on client requirements
- Increased team efficiency by 16% by developing and configuring internal applications
- Improved applications by 43% annually by consistently testing and refining software prior to rollout
- Boosted team efficiency by 12% by providing direction for business applications that are in development
- Increased annual promotions by 17% by creating a mentorship program for Junior Software Engineers
- Improved application's performance and speed with React trending technologies such as React hooks, HOCs, Redux
- Facilitated in development of User Interface using HTML/HTML5, CSS/SCSS, JavaScript and jQuery, AJAX, JSON, PHP
- Create the platform from the ground-up through PHP, PostgreSQL in a client-server architecture
- Improved application's performance and speed with React trending technologies such as React hooks, HOCs, Redux
- Spearhead end-to-end web development using Python and React to build front-end architecture, user interface, using an iterative Scrum-based approach
- Collaborated with team members including web designers, QA testers, and developers
- Maintained states in the stores and dispatched the actions using Redux, Redux-Saga
- Integrated Redux and Context API for state management

Frontend Engineer, Themesoft, Plano, TX   Apr 2018 – Oct 2019 (Remote)

- Monitored the performance and test the server
- Worked in agile sprints building new features and enhancing existing areas of our tools using Next, React.js, MySQL, AWS and Web3.
- Participated in estimation and planning sessions
- Worked closely with the Product team to deliver quality features in high-quality code and best practices
- Implemented workflows of authentication and authorization using AWS Cognito
- Managed state globally with React hooks/Redux/Redux toolkit/Context API

- Collaborated with web designers, Backend developers and UX designers to build, design, test and improve web products.
- Improved data fetching by leveraging GraphQL capabilities to narrow a set of queried fields
- Contributed to development of technical project documentation and user documentation
- Worked on internal app for obtaining the survey ID using React/TypeScript & REST API

Frontend and React Engineer, Capgemini, Chicago, IL   Sep 2016 – Mar 2018
- Programmed user interfaces and front-facing functionality based on design mockups
- Developed and maintained critical components of e-commerce website, including shopping cart, quick view, and checkout page, using React components
- Contributed unit & integration tests to existing projects to ensure functionality of application operates as expected
- Designed, developed, maintained websites utilizing HTML, CSS, and JavaScript libraries and frameworks such as React and Next.js
- Used React-Router to turn application into Single Page Application
- Created reusable UI components with React/TypeScript and SCSS
- Refactored existing codebases to improve efficiency
- Developed interactive features of social media web application and contributed creative ideas to the improvement of the platform, most of which were accepted and applied
- Reviewed and improved old UI to help establish a consistent design system that strengthened brand identity
- Used Middleware, Redux-Saga in application to retrieve data from Back-End
- Spearheaded the creating of an open-source, reusable UI component library in conjunction with the design team to accelerate development of React applications
- Collaborated with Agile product team on the redesign of customer-facing website to include new front-end technology and modern JavaScript functionality, increasing UX task success rate by 28%
- Increased email signups 13% by creating new UI for website landing page in React

Frontend Engineer, iSeatz, New Orleans, LA   Oct 2015 – Aug 2016
- Fixed a bug that reduced user complaints on library website by 36%
- Built a feature that improved click-through rate of website by 22%

EDUCATION   B.S. in Computer science, Northeastern Illinois University
                 October 2011 - September 2015

LANGUAGES   English: Native