Adam Sutton

Senior Software Engineer

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Professional Summary

- 10 years of experience as a senior software engineer in using HTML, HTML5, CSS, CSS3, SASS, JavaScript, TypeScript, ES6, React, Vue, Angular, Node, Express, and AWS.
- 10 years of IT experience involved in various stages of the Software Development Life Cycle from requirements gathering, design, enhancement, testing, modelling, analysis, and production as a software engineer.
- Well-versed with JavaScript / React / Vue / Node / Express / 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, and JSX.
- Expertise in designing and developing REST APIs.
- Experience with GraphQL, worked with Apollo GraphQL in Node.js.
- Experience with implementing CI/CD, and docker and familiar with GitHub environments to manage repositories and workflows.
- Experience in Unit Testing frameworks like Jest, Mocha, Chai, and Jasmine Integration Testing.
- Experience in integration of AWS with other applications infrastructure.
- Good experience in CSS pre-processors like Sass, LESS, and 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 issues and SEO issues using creative strategies.
- Experience in Version Control tools like GIT, and 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 | Photoshop | SEO
- **React**
  JSX | Hooks | Material UI | React Context | Styled Component | Redux | Next.js
- **Vue/VueX/Nuxt.js**
- **Angular/ngrx**
- **SCSS/Sass/Less/Stylus**
- **JavaScript, ES6+, TypeScript, React Native**
- **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**

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

- **SQL, Oracle, PostgreSQL, MongoDB**
- **CI/CD**
- **GraphQL**

- **Good Communication and Interpersonal skills**
- **Creative thinking skills**
- **Decision-making skills**
- **Problem-solving skills**

Professional Experience

Senior Software Engineer, ArcTouch, San Francisco, CA   Nov 2020 – May 2023 (Remote)

- Developed the UI pages using React, HTML5, CSS3, JavaScript, and Bootstrap
- Improved application performance and speed with React trending technologies such as React hooks, HOCs, Redux
- Developed single page application leveraging TypeScript in React
- Spearhead end-to-end web development using React to build front-end architecture, and user interface, using an iterative Scrum-based approach
- Maintained states in the stores and dispatched the actions using Redux, Redux-Saga
- Integrated Redux and Context API for state management
- Developed high traffic, responsive web applications utilizing JavaScript, HTML5, CSS3, AJAX, React, Redux, React Hooks
- Developed and maintained a large-scale e-commerce web application using React and Redux for state management
- Created reusable components and implemented them in different pages of the application
- Used React hooks and worked with state management using Redux
- Utilized React Router to handle client-side routing and improve the overall navigation of the application
- Worked with React Router for client-side routing and Axios for making API calls for Rest APIs
- Had experience in working with CSS pre-processors such as SASS and LESS to style the component
- Worked with Git for version control and had experience in working in a team environment following Agile development methodologies
- Wrote unit tests for the React components using Jest and Enzyme
- Worked with using Axios, Fetch to make API calls, and GraphQL
- Optimized the application's performance by using Lazy loading and Virtualization
- Developed Single Page Application (SPA) based on React and Bootstrap frameworks
- Developed numerous marketing programs (logos, brochures, newsletters, and advertisements) and guaranteed that they exceeded the expectations of our clients with Figma and Photoshop
- Collaborated with team members including web designers, QA testers, and developers
- Built and deployed a RESTful API using Node.js, Express, and MongoDB to power the backend of the e-commerce application mentioned above
- Utilized Node.js streams to improve performance when handling large amounts of data
- Implemented user authentication and authorization using JSON Web Tokens (JWT) and bcrypt
- Worked with a team of developers to implement features such as product search and reviews using Node.js and MongoDB
- Created the platform from the ground up through NodeJS, and PostgreSQL in a client-server architecture
- Integrated RESTful APIs written in Express for getting data sets stored in MongoDB
- Architected and built web applications that were both performant and maintainable using NodeJS, Express, MongoDB, and REST API
- Hands-on experience with Cognito, amplify, EC2, ECS, ELB, S3, RDS, SNS, SES, Lambda, Storage Gateway, Dynamo DB and Auto scaling in AWS
- Deployed and managed multiple web applications using AWS Elastic Beanstalk and EC2 instances
- Utilized AWS S3 to store and manage user-generated content such as images and videos
- Implemented serverless functions using AWS Lambda to handle background tasks such as image processing and email sending
- Utilized AWS DynamoDB to store and retrieve data in a scalable and efficient manner
- Monitored and troubleshot applications using AWS CloudWatch and X-Ray
- Build Kubernetes on AWS with Route53 from scratch

Full Stack Engineer, Paylocity, Chicago, IL   Nov 2018 – Oct 2020

- Developed front-end UI using HTML5, CSS3, JavaScript, jQuery, jQuery plugins, Bootstrap JSON, React
- Used React hooks such as useState, useEffect, useSelector, and useDispatch
- Built reusable components and had a strong understanding of component lifecycle
- Implemented the application's UI using component-based architecture in React
- Managed the application's state using Redux and integrating it with the React components
- Worked with a team of developers to implement features such as product filtering, sorting, and pagination using React hooks
- Collaborated with the design team to ensure the application's UI was responsive and accessible
- Had opportunity to work on a project where we migrated an existing Angular application to React
- Implemented responsive design using CSS Grid and Flexbox to ensure optimal user experience on all device sizes
- Worked in agile sprints building new features and enhancing existing areas of our tools using Next, React.js, MySQL, AWS, and Web3
- Developed a Perl-based tool that improved data analysis and reporting efficiency by 50%.
- Created a PHP-based e-commerce platform that increased online sales by 30%.
- Developed and maintained PHP-based web applications using Laravel framework.
- Created custom PHP modules to improve website functionality and user experience.
- Worked on an internal app for obtaining the survey ID using React/TypeScript & REST API
- Managed state globally with React hooks/Redux/Redux toolkit/Context API
- Worked closely with the Product team to deliver quality features in high-quality code and best practices
- Implemented form validation features, creating custom Angular services to query data from back-end API
- Implemented workflows of authentication and authorization using AWS Cognito
- 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
- Closely worked with Kafka Admin team to set up Kafka cluster setup on the QA and Production environments
- Contributed to the development of technical project documentation and user documentation

Back End Engineer, Red Ventures, Chicago, IL   Mar 2016– Oct 2018

- Implemented real-time communication and data streaming capabilities in a Node.js-based chat application using WebSockets and Socket.io
- Worked with NPM commands and using package.json for managing dependencies and dev dependencies of Node JS applications
- Worked with a team to develop and launch a Node.js-based e-commerce platform, utilizing technologies such as Stripe for payment processing and SendGrid for email notifications
- Integrated RESTful APIs written in Express for getting data sets stored in MongoDB
- Architected and built web applications that were both performant and maintainable using NodeJS, Express, MongoDB, and REST API
- Developed responsive client-side applications to integrate with server-side using JavaScript, jQuery, AngularJS, NodeJS, Vue.js, and Bootstrap
- Developed a tour booking website in Angular and NodeJS
- Designed and edited templates for Angular framework
- Programmed user interfaces and front-facing functionality based on design mockups
- Developed and maintained critical components of the e-commerce website, including the shopping cart, quick view, and checkout page, using React components
- Contributed unit & integration tests to existing projects to ensure the functionality of the application operates as expected
- Designed, developed, and maintained websites utilizing HTML, CSS, and JavaScript libraries and frameworks such as React and Next.js
- Used React-Router to turn an 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 creation of an open-source, reusable UI component library in conjunction with the design team to accelerate the development of React applications
- Collaborated with the Agile product team on the redesign of the customer-facing website to include new front-end technology and modern JavaScript functionality, increasing the UX task success rate by 28%

Front End Engineer, Block, Chicago, IL   Jul 2013 – Feb 2016

- Fixed a bug that reduced user complaints on the library website by 36%
- Demonstrated expertise in creating architecture blueprints and detailed documentation
- Built a feature that improved click-through rate of website by 22%
- Facilitated in development of User Interface using HTML/HTML5, CSS/SCSS, JavaScript and jQuery, AJAX, JSON, PHP
- Used React-Router to turn application into Single Page Application
- Responsible for React UI and architecture
- Building components library, including Tree, Slide-View, and Table Grid
- Experience in RESTful web services to integrate between Server side to Client Side
- Served as a friendly, hardworking, and punctual employee

Education

Bachelor of Science in Computer Science at The University of Chicago
Jun 2009 – Jun 2013

Language

English: Native