|  |
| --- |
| **Adam Sutton**  **Senior Software Engineer**  +1 (773) 546-9399 Staten Island, NY  [adamsuttonse@gmail.com](mailto:adamsuttonse@gmail.com)  www.linkedin.com/in/adam-sutton-886b59250 |
|  |
| **Professional Summary**  As a dynamic and innovative senior Engineer with over 10 years of experience in designing, developing, and implementing scalable and secure applications, I am skilled in Node.JS development, with hands-on experience in building complex web applications, microservices, and APIs that handle high traffic and data volume. I have extensive experience in working with GCP services like Cloud Functions, App Engine, Kubernetes, and Firestore, and expertise in integrating third-party services like Stripe, Twilio, and SendGrid.  I have led the development of a high-availability and fault-tolerant payment gateway using Node.JS, which reduced transaction failures by 30% and increased throughput by 50%. Additionally, I architected and implemented a scalable and secure backend for a social media platform using GCP, which handled 1 million daily active users and achieved 99.99% uptime.  Passionate about working with startups and bringing innovative ideas to life, I am skilled in working in fast-paced, agile environments and collaborating with cross-functional teams to achieve project goals. As a Principal Engineer with extensive experience in Node.JS, Restful APIs, GCP, and other relevant technologies, I am confident in my ability to provide technical leadership and drive business success for a startup company. | |

|  |  |
| --- | --- |
| **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** * **Spring Boot** * **SCSS/Sass/Less/Stylus** * **JavaScript, ES6+, C/C++, TypeScript, React Native, Python, PHP, Java** * **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** * **GCP/AWS** * **CI/CD** * **GraphQL** * **Docker and Kubernet** * **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** * **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** | **Professional Experience**  **Senior Software Engineer**, ArcTouch, San Francisco, CA Nov 2020 – May 2023 (Remote)  As a Senior Engineer at ArcTouch, I provided technical leadership and mentorship to junior engineers while driving the development of scalable and secure applications using Node.JS, Restful APIs, GCP, and other relevant technologies.   * Collaborated with the product team to develop a high-availability and fault-tolerant payment gateway using Node.JS and Stripe. * Improved transaction throughput by 50% and reduced transaction failures by 30% through the use of advanced caching and error handling techniques. * Successfully integrated the payment gateway with the company's existing e-commerce platform, resulting in a 20% increase in revenue within the first month. * 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 * Led the development of a scalable and secure backend for a social media platform using GCP and Firebase. * Designed and implemented a microservices architecture using Cloud Functions and App Engine, which handled 1 million daily active users and achieved 99.99% uptime. * Integrated third-party services like Twilio and SendGrid for SMS and email notifications, respectively. * Implemented real-time communication and data streaming capabilities in a Node.js-based chat application using WebSockets and Socket.io * Collaborated with team members including web designers, QA testers, and developers * Worked with NPM commands and using package. json for managing dependencies and dev dependencies of Node JS applications * 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 * Worked with NPM commands and using package. json for managing dependencies and dev dependencies of Node JS applications. * 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 * 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   **Full Stack Engineer**, Paylocity, Chicago, IL Nov 2018 – Oct 2020   * Architected and developed a real-time analytics dashboard using Node.JS, WebSockets, and Google Charts API. * Designed and implemented a scalable and fault-tolerant architecture using Redis and Pub/Sub. * Improved the company's ability to monitor and analyze user behavior in real-time, resulting in a 30% increase in user engagement. * 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 * 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   * 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 at The University of Chicago  Jun 2009 – Jun 2013 |

|  |  |
| --- | --- |
| **Language** | English: Native |