# *Software Engineer/Full Stack Developer Resume*

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| *Personal Info* | *Phone: (615) 342-9530*<br><br>*Email:* [kaniessequoia@gmail.com](mailto:kaniessequoia@gmail.com)<br><br>*Date of Birth: 09/04/1995* |
| *Resume Summary* | *I am a graduate from University of Tennessee at Chattanooga, where I received my Bachelor of Science Degree in Software Systems with a minor in Business Administration. Since graduation, I have worked primarily with JSX, JavaScript, HTML and CSS within and outside of the React framework. After having spent most of my time in college classes learning about Java, I was thrilled to make the transition to JS and full stack/frontend development because of the user friendliness of the language and how it interacts with HTML and CSS to handle front and back end development. I plan on continuing to progress with JS/JSX and React and am looking forward to learning new development tools and software.*<br><br>*The majority of my post-undergraduate coding work, outside of my personal programming portfolio, has been within a paid environment working on full stack web development for the company PodTopics, doing primarily front end work. I have performed many tasks including but not limited to, backend database editing, adding to and changing repositories within Cosmic and Amazon S3; CSS styling and HTML design to manipulate front end user experience; debugging existing JSX code, and developing new features within the React framework. Using Git, Bitbucket and Visual Studio Code, I managed the source control to create new branches off the master branch, worked on the debugging or developing of the new functionality required for the task at hand, then submitted them to the lead programmer to review. Once the software was satisfactory and I had finished putting the new or changed code through various tests, the* |

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| | *final product would be pushed toGitHub and merged with the master branch. The work I have done for this project has not only shown me how fascinating and worthwhile software development can be, but it gave me invaluable experience dealing with real world business, design, source control, testing, and team-based software development in a paid environment.* |
| *Work Experience* | *Contracted Software Apprentice for PodTopics*<br><br>- *Company Owner: Greg Thompson*<br>- *Lead Programmer: River Kanies (older brother)*<br>- *Software: React full stack application*<br>    • *Backend: AWS S3 and Cosmic for database and server* |
| *Education* | *Degree: Bachelor of Science*<br><br>*Major: Software Systems*<br><br>*Minor: Business Administration*<br><br>*University: University of Tennessee at Chattanooga* |

| *Skills* | *Languages:*<br><br>- *JavaScript*<br>- *JSX*<br>- *HTML*<br>- *CSS*<br>- *Java*<br><br>*Lesser Proficiency Languages*<br><br>- *MySQL/NoSQL*<br>- *Python* | *Software:*<br>- *React*<br>- *Git/GitHub*<br>- *AWS S3/IAM/SDK*<br>- *Node.js*<br>- *Express*<br>- *Postgres API*<br>- *Sequelize*<br>- *Google Material Design Components*<br>- *Cordova*<br>- *Bitbucket*<br>- *Trello*<br>- *Slack*<br>- *Wix Website Design*<br>- *Unreal Engine (video game dev.)* |
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| | | - *Procreate (digital art)* |
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| *Coding Projects* | *All projects herein are on the GitHub and Portfolio Website. For more detailed descriptions of each, see the README.md file for each project. Some but not all of these are on the portfolio website.* | |

- *React Image Slider - Two variations, with images changed using buttons or on a timer. (JSX, HTML, CSS)*
- *React Movie Search– Allows users to type into an input text box, search for movies, and retrieve images from a OMDB API database which are formatted and displayed with additional object attributes.*
- *React Task Tracker creates a to-do list and keeps track of the user's interactions with them via an online database. The project uses a React component that is responsible for fetching tasks from a server, adding tasks, deleting tasks, and toggling reminders on and off. It uses the useState and useEffect hooks to manage state and fetch data from the server.*
- *Vanilla JS – OpenAICodex is a JavaScript program which integrates with OpenAI, creating a front end interface which allow the user to feel like they are chatting with a person or a bot. The user asks a question or makes a request to the AI, and the backend accesses the OpenAI API via a private key and gives a response to the user within the chat container. The program has a client and a server. This project was especially useful in that it gives me further resources with which to solve future coding problems along with the experience gained from debugging a vanilla JS project.*
- *LoanMentorLLC is a mock business application for an affiliate marketing website. This project implements a dropdown menu, an interactive quiz (Loan Questionnaire), light and dark mode options implemented in CSS and JS (of course). This is primarily an HTML and CSS project, as the logic outside of the questionnaire is very simple. The (vanilla) JS project then has profiles for real companies*

*and links for affiliate marketing attached to each company. The logic for the questionnaire is functional for the quiz navigation buttons and options but there is not any implementation for the results yet. I took on the following project for a client so it superseded this one in priority. The companies have not been contacted, so no links are actually affiliate approved yet.*

- *There are a few disparate parts to the next one, as this Supplement App would be my first solo full stack paid application (I was not the primary programmer for PodTopics but I am for this project). These parts are not yet put together into a finished full stack application and I am currently waiting for the client to resume work on the project. However this is a freelance gig and I actually want to be a full time remote employee at an actual company. These project parts are on the GitHub but not the Portfolio Website.*

- *Part 1 - s3-direct-upload: Uses AWS-SDK, s3, AIM users/policies, and JS to create authenticated access to upload and retrieve images to/from an s3 bucket. (this project is on GitHub but not the portfolio website as s3 static website hosting is incompatible with such an application because the index.html document is created by the server.js file, and not used alone. S3 buckets require the index document to be in the root of the project and logic must stem from that source. For this project, I created and IAM user, made custom permission policies to allow specific actions by the user with programmatic access via AWS_ACCESS_KEY_ID and AWS_SECRET_KEY credentials. The s3.js file handles the environment (.env) variables, then the server.js uses the methods exported by s3.js and creates an express app which serves the index.html file. There is not much HTML/CSS for this project and the front end is just a simple file upload, submit button and display all bucket images button. When pressed, the latter button displays unformatted images by appending them to the DOM.*
- *Part 2 – Material Design Components: The purpose of this project is to practice with material design components, in order to create*

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| | *more beautiful front end components without needing vast amounts of CSS or JS logic to manipulate the CSS to such a degree. Within this project there are a few key features which include:*<br><br>• *Menu with open and close functionality, search bar with placeholder, notification icon which lacks function default posts that are organized based on screen size. (four wide at desktop and two wide at mobile scale.) These have image, description and button with links. Form with various interactive fields, which record user input and submit button to log user input.*<br>• *form uses the following material design components: text input field, select field with 3 options, switch field, submit button (logs values for fields to console, menu and icon components*<br><br>- *Part 3 – Sequelize interacting with Postgres: The purpose of this project is to seed a database with tester data, delete the data and reinstantiate the tables again with a single terminal command using the sequelize CLI. This part of the project handles the database and the data herein is sample tester data that means nothing and is only for practice and proof of concept so it can be adapted for its true purpose later on.*<br><br>- *Part 4 – Cordova: Apache Cordova is a mobile application development framework which can be used to build hybrid (cross platform) mobile apps using web technologies like HTML, Javascript. A single code base can be built to run on different platforms like android, IOS and windows. I merely created a simple default version of the React landing page using the browser app, however Cordova can build apps for a myriad of devices such as Android and IOS too.* |
| *Strengths* | - *React development using JSX, JS, HTML and CSS*<br>- *Source Control using Git within the command line and within Visual Studio Code, GitHub and Bitbucket, AWS CLI*<br>- *Project Management within the Scrum methodology, performing task organization, documentation and diagram design.*<br>- *General artistic mentality and design focus*<br>- *Testing existing software and fixing bugs*<br>- *Experience using GPT 4 to aid in debugging and development* |

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| | - *Patience required for debugging and problem solving* <br> - *Developing new software features and designing front end UI* <br> - *Love and dedication for art and creativity* <br> - *A desire to work hard to develop new skills to excel in a professional environment* |
| *Design Experience* | *Digital Design:* <br><br> - *Company Website created by myself through Wix* <br>    • *Hiddencharmsoaps.com* <br> - *Wordpress website design and publishing, hosted on HostGator for my aunt's small business (not active)* <br> - *Digital art and company logo design using Procreate for IPad Pro* <br><br> *Artistic Design/Experience* <br><br> - *Authorship (fictional novel)* <br> - *Painting* <br> - *Drawing* <br> - *Entry level music production through Studio One (PreSonus) software* <br> - *Song Writing* <br> - *Digital Art* <br> - *NFT collection based on original paintings and digital images, hosted on OpenSea.io* |
| *References* | - *Gregg Thompson: founder, owner, CEO of PodTopics and Podwheels podcast company based out of Chattanooga, TN.* <br>    • *Company Website: https://www.podtopics.com/* <br>    • *Reference Email: greg@missingwordsolutions.com* <br> - *River Kanies: Lead Programmer for PodTopics* <br>    • *Reference Email: river.kanies@gmail.com* <br> - *Wix website design for our small soap business:* <br>    • *https://hiddencharmsoaps.com* <br> - *https://simscww.com/ (I designed this website for the company I currently work for part time, though little coding was involved with this project. Just some CSS edits within the provided framework, Google API)* |
| *Programming Portfolio* | - *https://github.com/ScrumMasterSequoia* <br> - *https://github.com/ScrumMasterSequoia/PredictiveStockAnalyzer* <br> *(final coding project for senior thesis project to graduate from UTC* |

| | *hosted under team member's GitHub – I was scrum master for this project)*<br><br>- *http://sequoia-portfolio.s3-website-us-east-1.amazonaws.com/* |