MAKAYLA ANDERSON-TUCKER

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Portfolio

EDUCATION

Southern New Hampshire University | B.Sc. Computer Science
Relevant Coursework: Full Stack Development, Operating Systems, Data Structures and Algorithms, Mobile Architecture and Programming, Software Security, Systems Analysis & Design, SDLC, Testing and QA

SKILLS

Languages: C++, HTML/CSS, Java, JavaScript, JSON, TypeScript
Technologies: Express, Eclipse, Docker, Git, JUnit5, MongoDB, Mongoose, Node, React, Redux, Visual Studio, Visual Studio Code
Concepts: Agile Principles, CI/CD, Debugging , Kanban, OOP, RESTful APIs, Responsive Design, Unit Testing

PROJECTS

Phonebook | *CSS, Express, JavaScript, MongoDB, Mongoose, Node.js, React.js*   ***GitHub Repository***   ***Live Demo***
- Developed a full stack web application that allows users to store and search for their contacts on the platform.
- Designed and built a RESTful API that performs CRUD operations on the contacts stored in a MongoDB database.
- Built the server using Express.js/Node.js and used custom middleware functions to handle errors and error logging.

To-Do List | *CSS, Express, JavaScript, MongoDB, Mongoose, Node.js, React.js*   ***GitHub Repository***   ***Live Demo***
- Developed a to-do list as a full stack web application that allows users to add tasks and change their importance status.
- Designed and built a RESTful API in the server to perform CRUD operations on tasks stored in a MongoDB database.

Country Data| *CSS, JavaScript, React, REST Countries API*   ***GitHub Repository***   ***Live Demo***
- Integrated the REST Countries API into a React web application that allows users to search for specific countries and view its data.

Shopping Cart | *Express, Node, React, TypeScript, FakeStore API*   ***GitHub Repository***   ***Live Demo***
- Created a webpage for an e-commerce shop that allows users to add or delete items from their cart. Integrated the FakeStore API into the web app to populate the store with dummy data/products.

Appointment API | *Java, JUnit5*   ***GitHub Repository***
- Designed an API that allows users to add, update, and/or delete appointment objects in their applications by utilizing in-memory data structures and RegEx for data validation.
- Wrote tests in JUnit 5 to verify that each endpoint worked properly and verified with Postman.

Photo Gallery | *HTML, CSS*   ***GitHub Repository***   ***Live Demo***
- Designed a Photo Gallery webpage that demonstrates mastery of flexbox using HTML and CSS.

WORK EXPERIENCE

Allana, Buick, & Bers | Administrative Assistant   *12/22 – Present Seattle, WA*
- Created detailed search functions to allow managers to easily and quickly query for specific project information in our database, Deltek.
- Implemented a site visit reporting system by utilizing Smartsheet, which decreased late reports by about 35%, improved team's efficiency, and created more opportunities for collaboration.
- Collaborated with the executive assistant to create office policies and procedures as well as an admin onboarding guide.
- Proactively pursued cross-training as a project accountant and enhanced expertise in Building Envelope equipment and testing to better support our Pacific Northwest offices.