Christopher Smith

352 Lafayette Street Salem MA
206.707.6235
heychrisgs@gmail.com

Objective:

Seeking to leverage my proficiency in various programming languages, software development methodologies, and technical expertise to contribute to a dynamic team's success. Committed to delivering high-quality software products and continuously enhancing my skills in a collaborative and growth-oriented environment.

TECHNICAL SKILLS:

- Languages: Java, SQL, JavaScript, HTML, CSS.
- Operating Systems: Microsoft Windows, Linux.
- Development Environment: Agile, Waterfall, Scrum.
- Web Development: Front-end, Back-end,
- Platforms: Visual Studio Code, Intellij IDEA
- Databases: MongoDB, Github.
- Other Experience: Restful API, React, AWS, CI, CD

Education:

Salem State University- Salem, MA

- Bachelor of Science in Software Engineering, Minor in Mathematics, expected in May 2025
- GPA: 3.6
- Honor Roll all years.
- Coding Club
    - **Relevant Coursework**

      Software Engineering II, Software Engineering I, Operating System Principles, Discrete Structures, College Physics I, Software Design/Programming I, Calculus II, Data Structures and Algorithms

EXPERIENCE:

Salem State University Media Page

- Technology Highlights:
    - Render - Live deployment
    - GitHub Actions – CI/CD Pipeline
    - Chai/Mocha - Testing framework
    - JavaScript
    - React, Node.js
    - MongoDB
    - Bootstrap
    - RESTful APIs and services
    - Git

- Group type style development with over 20 people working on it.
- Agile type development mostly Scrum type.
- Github experience

- MongoDb
- Visual Studio Code
  Backend:
  - This includes adding routes to different .js models on the backend.
  - Creating an Image model schema on the backend that interacts with the frontend to take name and base64 and stores it as Buffer data.
  - Allow the user to upload an image to the MongoDB database by converting the image to base64 and storing it as a Buffer data type.
  - Also created backend function that deletes image based on ID and allows user to search image given MongoDB ID.
  Frontend:
  - Created an image page for uploading images that takes the fields: name, description, and image upload.
  - Created a route that calls to the backend that uses the image.
  - Created a view image page that allows the user to view the uploaded image and the description and name of the image entered earlier.

MBTA Live Train Feed

- Technology Highlights:
  - Render - Live deployment
  - GitHub Actions – CI/CD Pipeline
  - Chai/Mocha - Testing framework
  - JavaScript
  - React, Node.js
  - MongoDB
  - Bootstrap
  - RESTful APIs and services
  - Git

- Agile Scrum development style
- Wrote and updated User end and System end requirements during project
- Would use live system calls of the MBTA system.
- MongoDb connection for storing user information.
  - Would use encryption to store user information so not to leak personal data.
- MongoDb connection for storing user posts and reviews.
  - Would take fields such as string, userId, and date.
  Backend:
  - AWS system which allowed user to upload and store images.
    - Used AWS s3 bucket system to store images.
  - Created routes between the pages that used get calls.
  Frontend:
  - Created a page for uploading images that would upload the users images to the s3 bucket on AWS.
  - Created a login page for the user.
  - Allowed for dark and light mode to be selected across webpage and saved selection in user information.

Work Experience:

Cardinal Health   September 2023 - Current
- Navigate workplace identifying stock and managing distribution.
- Report lack of items to managers.
- Restock items when empty.
- Label and organize items that are needed for shipping

- Troubleshoot and repair and ensure all gas-powered tools are operational and up to safety standards.
- Collaborate with other team members to prepare ball fields in a timely and efficient manner following set guidelines defined by specific sport regulations.
- Self-direction of managing work scope schedule and priorities to meet daily changing task deadlines.
- Partnering with team members with diverse backgrounds and experiences.
- Driven to learn quickly allowing independent focus.
- Horticulture tasks such as line-trimming, finer details hand weeding, use of various tools, and tree care.