Shahd Khartabil

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HIGHLIGHTS

- Experience working closely with clients to gather requirements and understand their needs
- Organized with excellent time management skills to maximize team productivity
- Eager and passionate about learning new programming languages and technologies
- Excellent interpersonal skills with strong verbal and written communication
- Able to identify and solve problems, while thinking analytically to drive team success
- Experience working in collaborative teams following Agile Methodology

TECHNICAL SKILLS AND EXPERIENCE

- **Languages:** Java (OOP, Data Structures, Algorithms), HTML/CSS/JavaScript, PHP, Python, SQL
- **Frameworks and Tools:** React, Git, Github, Figma, Jira, VSCode, Inteliji, JUnit

PROJECTS

Chebucto Community Net Society, *Dalhousie University*

- Managed a team of 7 developers in the design and development of an optimized website to assist low-income residents in the Chebucto community
- Provided required documentation such as Initial Project Plan, Project Proposal, and Risk Analysis documentation
- Implemented access control functionalities and developed database tables to store user-uploaded files using PostgreSQL
- Refactored the existing code-base to improve website functionality and adhered to best practices using PHP, HTML, CSS, and JavaScript
- Planned and completed 10 two-week sprints through Jira, following the Software Development Life Cycle while closely following Agile methodology to deliver quality code to clients and stakeholders: gathered requirement, estimated work items, planned sprint tasks and lead daily scrum stand-up meetings
- **Skills:** HTML, CSS, JavaScript, PHP, Agile Methodology, Jira, SQL, PostgreSQL

Website Portfolio, *Personal Project*   *repo   live*

- Developed a webpage to showcase my projects and skills through utilizing my knowledge on web development with the use of HTML, CSS and JavaScript
- Followed design principles to develop prototypes and design a responsive and creative UI
- **Skills**: HTML, CSS, JavaScript, Figma, responsive design

CSCI3691 Course Website, *Dalhousie University*   *repo   demo*

- Developed and ran Airflow DAGs using Airflow REST API through Docker containers for the course instructor to track the progress of students and teams enrolled in the CSCI3691 course
- Posessed the roles of a Scrum Master, Project Manager, and Product Owner by planning sprint tasks on Azure DevOps, leading daily standup meetings, communicating with the client for review meetings, and delegating tasks to the development team
- **Skills:** Python, Airflow, Docker, Git, GitLab, Agile Methodology, Azure DevOps

Mi'kmaq Virtual Museum, *Dalhousie University*   *figma*
- Designed low and medium-fidelity prototypes, gathered feedback, and refined designs through 3 iterations
- Produced a final medium fidelity prototype on Figma for an interactive and educational virtual museum for casual visitors, teachers, and students to learn about Mi'kmaq culture and history through art
- Led a team of six students by delegating tasks based on skill sets, welcomed ideas, and listened to concerns to improve our team's success
- **Skills**: Figma, UI/UX Design, Agile Methodology

EXPERIENCE
Software Developer, *Bread Lounge (Internship)*   *Jul 2023 - Sept 2023*
- Collaborated with developers to develop a React Native application for a local bakery to automate the cake-ordering process for employees which allows for efficient communication between the two cafe branches and real-time updates on cake orders
- Designed prototypes and developed major features such as a cake ordering form, storing data in Firebase, and displaying orders on a calendar view for bakers to track.
- **Skills:** React Native, JavaScript, Firebase, npm, yarn, Figma

Teaching Assistant and Marker, *Dalhousie University*   *Sept 2022 – Dec 2022*
- Instructed students and explained complex concepts in Object Oriented Programming in Java such as binary trees, heaps, hashmaps, and binary search algorithms.
- Marked assignments and lab submissions, and provided feedback and grades for 15-20 students throughout the term.
- **Skills:** Java, Object Oriented Programming, Data Structures and Algorithms

Quality Assurance Tester, *SimplyCast*   *Nov 2020 - Mar 2021*
- Conducted extensive testing and revision of company software to ensure alignment with quality standards
- Communicated effectively with team members to identify software issues, and continuously monitored and inspected softwares to idenittfy potential errors and provide feedback to software developers for adjustment
- **Skills:** Git, vim, SQL, SSH, Scrum

EDUCATION
Bachelor of Applied Computer Science, *Dalhousie University*   *Apr 2023*
4.04 GPA