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SUMMARY

Experienced software developer with a strong background in designing web applications and websites. Proficient in both front-end and back-end development, seeking opportunities to further grow and refine my skills in full-stack development while making a meaningful impact in the field of software development.

EXPERIENCE

Software Developer | Gateway Ticketing System | Gilbertsville, PA | May 2023 - August 2023

- Collaborated with two partners to create a C#.NET Core console application for migrating a large number of local files to Azure's cloud storage.
- Handled database operations, cataloged, uploaded, retrieved files in Azure cloud storage, and file deletion post upload and download to free up space.
- Send file information to team channels and implemented email notifications for users.

Web Developer | MBDG church | Lancaster, PA | August 2020 - August 2023

- Voluntarily designed a church website using Flask, SQL, HTML/CSS/JS, with multiple pages for content posts, membership, and contact forms.
- Proficiently implemented an admin page, enhancing website content control and user experience.
- Demonstrated full-stack development expertise, resulting in a user-friendly church website.

PROJECTS

Personal Website | Millersville University | atmelaku-13fea32952f5.herokuapp.com | April 2023 - Present

- Created a personal website using Django, SQL, JavaScript, and HTML/CSS, demonstrating full-stack web development expertise.
- Implemented a secure login system and dynamic blog post management, enhancing user experience and site functionality.
- Created a comprehensive digital presence with additional pages, highlighting the ability to craft engaging online platforms.

Online bookstore | Millersville University | github.com/atmelaku/onlineBookStore | October 2023 - December 2022

- Developed a school project: an e-commerce website for books using JavaScript, MongoDB, Node.js, and Express.js.
- Implemented search, shopping cart, and checkout features, providing a user-friendly shopping experience.
- Demonstrated proficiency in full-stack development, database management, and user interface design.

Rock Paper Scissor lizard Spock | Millersville University | github.com/atmelaku/RPSSLGame | September 2022 - October 2022

- Developed an interactive "Rock Paper Scissors Lizard Spock" game using JavaScript, HTML, and CSS.
- Created an engaging user interface that allows players to select their moves and displays the game's outcome dynamically.
- Demonstrated proficiency in front-end web development.

Old home site | Thaddeus Stevens College | <https://github.com/BillSpyro/OldHomeProject> | October 2021 - December 2021

- Collaborated with a partner to design and develop an elderly care home website using HTML, CSS, JavaScript, PHP, and SQL.
- Implemented a secure login system with distinct user roles, providing access to personalized pages for patients, doctors, and caregivers.
- Designed and integrated specific functionality for each user role, including appointment management, schedule viewing, and patient information for doctors, caregivers, and patients, resulting in a comprehensive and user-friendly platform.

LeetCode Mastery | Thaddeus Stevens College | <https://leetcode.com/problemset/all/> | September 2020 - December 2021

- Accomplished mastery of algorithmic problem-solving by successfully solving over 100 LeetCode challenges.
- Demonstrated proficiency across Python, JavaScript, and PHP, highlighting versatility in multiple programming languages.
- Strengthened coding skills, deepened algorithmic understanding, and showcased a commitment to continuous learning through comprehensive problem-solving on LeetCode. Improved input/output processing speed by 10%.

MediaCenter Mobile App | Thaddeus Stevens College | <https://github.com/atmelaku/MediaCenterFlutter> | April 2021 - May 2021

- Collaborated with three partners to develop an Android app using Flutter and Firebase, featuring a secure login system and user profiles.
- Designed and implemented functionality for users to create, update, and delete posts, enhancing user engagement and content management.
- Successfully delivered a feature-rich Android app, showcasing proficiency in mobile app development and real-time data management using Firebase.

Social media platform | Thaddeus Stevens College | github.com/BillSpyro/MediaCenter | March 2021 – May 2021

- Collaborated to build a social platform (HTML, CSS, PHP, SQL) with user registration, profiles, friend requests, and secure login.
- Designed interactive features: likes, comments, nested comments. Enhanced user engagement in multimedia content sharing.
- Demonstrated teamwork in creating an efficient, user-friendly social media platform with streamlined workflow using Git and GitHub.

School website | Thaddeus Stevens College | <https://github.com/jczimmerman/tsct-portal> | April 2020 – May 2020

- Developed a school website, including a login form and a news feed, using Flask, PostgreSQL, SQL, JavaScript, HTML, and CSS for front-end functionality and aesthetics, to create a functional website, in a three-week time frame, with a team of four fellow software engineering students.
- Utilized version control tools such as Git and GitHub to manage collaborative development for a team of 5 members, resulting in a completed website, in 2 months.
- Implemented detailed testing to ensure website functionality and responsiveness across all major mobile, tablet, and desktop browsers, achieving 100% compatibility.
- Deployed the school website to Heroku.

Snake Game | Thaddeus Stevens College | <https://github.com/atmelaku/snakeGame> | November 2019 – December 2019

- Collaborated with a partner to develop a classic Snake game using JavaScript, CSS, and HTML.
- Implemented key game features including a dynamic score board, a growing snake that elongates with each apple consumed, adjustable speed levels, and a high score controller.
- Ensured an engaging gaming experience by incorporating game logic for collisions and boundaries, resulting in an entertaining and challenging game for players.

EDUCATION

Bachelor of Science in Computer science | Millersville University | Millersville, PA | 3.5

Associate Degree in Computer Software Engineering | Thaddeus Stevens College of Technology | Lancaster, PA | 2021 | 3.8

CERTIFICATIONS

Django Framework | Millersville University | 2023

- It has been instrumental in building my interactive personal website. It has enhanced my proficiency in web development and equipped me with the skills to create dynamic and engaging online platforms.

SKILLS

Frontend: HTML – CSS – JavaScript – React

Backend: Python – Flask – Django – PHP – Node – Express – C# – Java

Database: Mongo DB – SQL – Postgres – Firebase – Azure

Tooling: Git – GitHub – bash – Heroku

Mobil development: Flutter

Hard Skills: Computer Architecture – Operating System – Algorithms – Data Structure – Calculus – District Math