ROSGEN D. HIZER

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OBJECTIVE

To obtain valuable experience in a challenging career in the industry of Information Technology (IT) that provides an opportunity to leverage my skills in the field, and hone my skills professional growth.

PERSONAL SKILLS

- Excellent communication skills
- Ability to work independently or as a part of a team
- Strong analytical and problem-solving skills

TECHNICAL SKILLS

Programming Languages: PHP, Python, C++
Web Technologies: HTML, CSS, JavaScript, jQuery, Typescript
Web Frameworks: Laravel, Bootstrap, Tailwind, Express.js, React.js, Node.js
Database: SQL, MySQL, MongoDB
Tools: Git, Github, Docker, NPM, Figma, Penpot, Canva

EDUCATION

Bachelor of Science in Computer Science   **Sept 2021 - Present**
Don Honorio Ventura State University, Villa de Bacolor, Pampanga

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PROFESSIONAL EXPERIENCE

MIT APP Dev (Project Based) – Freelance   Feb 3, 2025 - Feb 15, 2025
Mobile Monitoring Application
- Collaborated with UI design team
- Implemented the desired UI Design
- Created simple user authentication, and registration
- Integrated firebase module to fetch, and monitor new data

Python Programmer (Project Based) - Freelance   Dec 05, 2023 - Dec 17, 2023
Educational Sentiment Analysis; Support Vector Machine (SVM)
- Worked remotely, and collaborated with the client who provides datasets
- Utilized project jupyter online environment to ensure fast computations
- Developed the program with scikit-learn to train a model
- Numpy, and Panda library was utilized for computations

- Display the graph with matplotlib with the performance of the model
- Successfully delivered the program required by the client

KEY PROJECTS

Recipe Book | Full-Stack Developer   Apr 2025 – May 2025
Technology: HTML, CSS, JavaScript, Tailwind, MongoDB, Express, React, Node, Vercel

- Web Based Recipe Manager to digitally store, organize and view your recipes
- Developed react components with Vite bundler, and react router
- Created a RESTful API utilizing express.js in order to store and retrieve data
- Integrated MongoDB Atlas to store the data online
- Github & Vercel was used to CI/CD to automate deployment testing, and production

Todo List | Full-Stack Developer   Mar 2025 – Apr 2025
Technology: HTML, CSS, JavaScript

- A web app that allows to manage tasks such as adding, updating & deleting
- Developed a minimal frontend design
- Utilized the browser LocalStorage API to store tasks in JSON format

eXtHealth (Thesis) | Full-Stack Developer   Jun 2024 – Nov 2024
Technology: HTML, CSS, JavaScript, Typescript, React, Node.js, Python (FastAPI), Elasticsearch

- A Browser Extension for Health Information on X Using Natural Language Inference (NLI) for chrome based browser such as Brave, Microsoft Edge, and Google Chrome
- Developed an RESTful API for tesseract-ocr & Zero Shot Classification model utilizing python FastAPI
- Collaborated with frontend development team, to clearly achieved the UI/UX of the extension
- Created react component such as "Check this out button" for user to interact
- Created test cases in order to observed, and mitigate bugs

DHVSUM | Full-Stack Developer   Oct 2023 - Dec 2023
Technology: HTML, CSS, JavaScript, Bootstrap, PHP, Laravel, MySQL, Apache

- A marketplace website exclusive for Don Honorio Ventura State University Students
- They can buy/sell their pre-owned items, and/or sell their own craft
- Developed the frontend with Server-Side Rendering utilizing bootstrap
- Laravel for backend to easily employ the Model-View-Controller architectural pattern

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REFERENCES

| Christian James A. Chu, MCASAE | Instructor 1, College of Computing Studies, Don Honorio Ventura State University Former Systems Engineer II, Cloud and Software Services Unit, Microgenesis Business Systems Inc. | cjachu@outlook.com |

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