Aeron A. Caponpon

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SKILLS

Programming Languages	*Python	Java	JavaScript	HTML	CSS	PHP	SQL*
Technologies and Tools	*Git	Docker	Postman	Figma	Canva	Adobe Photoshop*

EXPERIENCE

AESi - Accur8 Enterprise Solutions Inc.   **September 2024 - Present**
Web Developer - Fullstack Laravel | Angular | SQL | PHP | JavaScript | DBeaver | WampServer | BitBucket
- o Develop Business Web Apps for the company's clients.

AESi - Accur8 Enterprise Solutions Inc.   **February 2024 – May 2024**
Web Developer Intern – MERN Tech Stack | Postman | Docker | Bitbucket
- o Had trainings for Backend and Frontend development.
- o Developed a Billing Generation web – application that the company will use to send billing information to its clients.
- o Assigned as one of the backend developers to the project using JavaScript, used Postman, Docker, and MongoDB to verify API functionality, following the Clean Architecture technique.
- o Created the documentation for the Backend.
- o Had dailies and scrum meetings for progress checking and updates regarding each other's tasks, and experience in version management using Bitbucket.

NOTABLE PROJECTS

THESIS (2024) – *HTML | CSS | JavaScript | PHP | Bootstrap | Python (scikit-fuzzy) | MySQL | Cronjob*
- o Created a website that displays all parameters gathered by the sensors in the hydroponic system.
- o Developed the AI feature, specifically fuzzy logic to automatically adjust and control motors, valves, and other components inside the hydroponic system to achieve acceptable living conditions for the lettuce plant.

SOFTWARE DESIGN COURSE (2023) – *Java | MySQL*
- o Developed a local host uniform and book ordering system for the University. Along with a Log-in system, a full-fledged UI and an Admin page.
- o Mainly lead the backend side of the project.

DEEP LEARNING COURSE (2023) – *Python | TensorFlow | GoogleColab | Jupyter*
- o Generated a model of 94.6% confidence level to detect cataract in patients. And manually annotated hundreds of pupils for training.

CISCO (2023) – *Packet Tracer*
- o Using Packet Tracer, created a network for a 5-storey building in the University consisting of 5 or more rooms with various clients ranging from PCs to wireless devices.
- o Created an addressing table for the whole building complete with IPv4, subnetting, DHCP, VLAN, security, End points, and most of the fundamentals.

EDUCATION

Bachelor of Science in Computer Engineering – *Cum Laude*   **Class of 2024**
Batangas State University the National Engineering University – Alangilan   GWA: 1.4249

CERTIFICATIONS

SMART SWEEP: Agile Methodology | Udemy: Ethical Hacking Crash Course & Python and Django Framework for Beginners | Cisco: CCNAv7 Network Certificates