

CHARMAINE EUNICE RABANO

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SKILLS

Front-end Development

- ◆ Advanced HTML & CSS knowledge – Complex web pages with semantic HTML, CSS animations, and flexible layouts
- ◆ Intermediate TailwindCSS and Bootstrap knowledge – Custom theme and responsive design
- ◆ Advanced JavaScript/TypeScript knowledge – DOM manipulation, OOP-based programs, and error handling
- ◆ Advanced React knowledge – Functional components, hooks, Context API, Redux, Jest testing, Gatsby and Next.js
- ◆ Intermediate Vue knowledge – Vue directives, data binding, routing, conditional rendering, components and Vuex

Back-end Development

- ◆ Intermediate Nest.js knowledge – Data validation, database integration, authentication and authorization
- ◆ Intermediate Python knowledge – Console apps, machine learning programs, and Django web apps
- ◆ Intermediate C# knowledge – OOP-based programs with ASP.NET and API integration
- ◆ Intermediate SQL knowledge – Data manipulation operations, table relationships and complex queries

Web3 Development

- ◆ Intermediate Solidity knowledge – EVM smart contracts on Ethereum and Avalanche, with front-end integration

Mobile App Development

- ◆ Basic React Native knowledge – Simple Android and iOS apps with basic components and features

Software / Tools

- ◆ Development and version control using VS Code, Visual Studio, GitHub, and Amazon Web Services (AWS)
- ◆ Project management and documentation using Microsoft and Google Suite, Trello and Jira
- ◆ Website design and wireframing using Figma, FigJam, Adobe Illustrator & Photoshop, and Canva
- ◆ Drag-and-drop website development using WordPress builders, Wix, Squarespace, Webflow, and others

WORK EXPERIENCE

Graduate developer (specializing in Front-end development) – October 2023 to present

Old.St Labs (London, UK - remote)

- ◆ Developed front-end components for web apps of live client projects, using TypeScript, React, Next.js, TailwindCSS, NX Workspace and Amazon Web Services (AWS)
- ◆ Involved in project developments utilizing agile methodologies with 2-week sprints

Full stack developer intern – July 2023 to September 2023

Old.St Labs (London, UK - remote)

- ◆ Developed front-end and back-end projects that closely resemble real-life projects, and trained to utilize the software development best practices being used by the company
- ◆ Utilized the following technologies in projects: JavaScript, TypeScript, React, Next.js, Nest.js, REST API, MySQL, PostgreSQL, MongoDB, DynamoDB, Amazon Web Services (AWS), NX Workspace

Website designer and tech virtual assistant – February 2022 to present

STEM4Real (San Francisco, CA - remote)

- ◆ Redesigned and maintained WordPress website using Thrive Suite, and performed other admin tasks

Landing page and website designer – 2020 to 2021

Foreign online entrepreneurs and coaches

- ◆ Designed and built websites and landing pages using WordPress and other website builders
- ◆ Communicated with clients to understand their needs and provide them with needed solutions

EDUCATION

Mapúa Malayan Colleges Laguna

Bachelor of Science in Computer Science – 2019 to 2023

- ◆ Graduated as Summa Cum Laude
- ◆ Received Ad Excellentiam / Best Thesis award
- ◆ Granted 100% academic scholarship through the E. T. Yuchengco Institutional Scholarship program
- ◆ Received President’s List and Dean’s List awards

Science, Technology, Engineering, and Mathematics (STEM) strand – 2017 to 2019

- ◆ Graduated with High Honors and as the class valedictorian; delivered a speech during graduation
- ◆ Granted academic scholarship through the Academic Achievement Incentive program

PROJECTS

Mapúa MCL ACM Student Chapter Website – 2022

- ◆ Developed an organizational website for Mapúa MCL ACM Student Chapter using React and Gatsby
- ◆ Took part in designing and coding the website, as well as in writing the website content

Seat Save – 2022

- ◆ Developed a seat reservation system for MCL's library (CLIR), to help observe COVID-19 safety protocols, using React, Next.js and ASP.NET WebApi
- ◆ Led the UI/UX and front-end development of the system's website
- ◆ Adopted Agile methodologies during development

Sparse: A Reservation and Computer Vision-Based Room Occupancy System for Malayan Colleges Laguna's Center for Learning and Information Resources – Published April 2022

RSU International Research Conference 2022

- ◆ Published as a co-author a conference paper on utilizing computer vision in monitoring room occupancy of MCL's library (CLIR)
- ◆ Developed a system using C#, ASP.NET, SQL, and Python

CERTIFICATES

◆ Metacrafters Solidity and Avalanche

- ◆ ETH Proof: Beginner EVM Course – *Issued April 2023*
- ◆ ETH + AVAX Proof: Intermediate EVM Course – *Issued May 2023*

◆ LinkedIn Learning: Become a React Native Developer – *Issued May 2023*

◆ LinkedIn Learning: Become a Full-Stack Web Developer – *Issued May 2023*

◆ Meta Front-End Developer Professional Certificate (Specialization in Coursera)

- ◆ Introduction to Front-End Development – *Issued August 2022*
- ◆ Programming with JavaScript – *Issued October 2022*
- ◆ Version Control – *Issued November 2022*
- ◆ HTML and CSS in depth – *Issued January 2023*
- ◆ React Basics – *Issued March 2023*
- ◆ Advanced React – *Issued June 2023*

◆ CompTIA IT Fundamentals (ITF+) Certification – *Issued July 2022*

◆ DICT Programming with Python – *Issued April 2022*

STUDENT ORGANIZATION INVOLVEMENT

Mapúa MCL ACM Student Chapter

A student organization chartered by the Association for Computing Machinery (ACM)

- ◆ Served as the Vice President in A.Y. 2020-2021
- ◆ Became part of the Publication Committee that creates publication materials for social media and maintains website content
- ◆ Became the emcee for UXPH Webinar, GeekCon 2022 and GDAP Academic Roadshow, and facilitated Hour of Code events
- ◆ Became one of the main speakers for Mapúa MCL Web Development Bootcamp

College of Computer and Information Science Student Council

- ◆ Served as the Secretary for Treasury in A.Y. 2020-2021; Handled the student council's funds
- ◆ Planned and executed online events and activities for the whole college during the COVID-19 lockdown with other student council members

COMPETITIONS

Institutional Student Research Colloquium: Champion – August 2023

Mapúa Malayan Colleges Laguna

- ◆ This is Mapúa Malayan Colleges Laguna's competition in search for the best thesis in the entire institution.

Samsung Create 2023 National Finals: 3rd place winner – August 2023

Samsung R&D Institute Philippines

- ◆ Samsung Create is a national, research-based idea competition, that encourages innovative applications of the latest global tech trends to elevate the Filipino lifestyle.

Algolympics 2023: Finalist – March 2023

Association for Computing Machinery - UP Diliman Student Chapter

- ◆ Algolympics is a programming competition open to all interested undergraduate students from different schools, colleges and universities across the Philippines. The competition seeks to raise the standard for computer science education in the country.