Mauro Polino

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SUMMARY

I am an electronics engineer and computer science enthusiast specialized in web development. In the past, I excelled in computer science courses for personal enjoyment and worked in a tech company, developing hardware and software solutions for mid and large scale projects. This learning journey motivated me to become a certified full-stack web developer with HTML5, CSS3, Django, MongoDB, Express, React and Node (MERN stack). On top of that, my major field is front-end with React, Redux and Bootstrap.

EDUCATION

2015 - 2021	**University of Engineering and Technology - UTEC** Bachelor's degree in Electronics Engineering
2022	**Harvard University** Certified in Web Programming with Python and JavaScript
2022	**The Hong Kong University of Science and Technology** Certified in Full-Stack Web Development with React
2023	**IELTS General Training** 7.5/9 - CEFR Level C1 (Advanced)

WORK EXPERIENCE

CITA - Water Technology and Research Center - Tech Developer   Sep 2020 - Nov 2021

Recomendation Letter

– Developed embedded and Internet of Things systems for non-invasive data measurements required from rivers in Peru for post application of Large Scale Particle Image Velocimetry algorithm.
– Developed electronics and designed a web front-end and databases, following Scrum methodology, for a low-cost water monitoring system which was deployed by a peruvian government sanitation entity.

MAIN PROJECTS

Own Online Curriculum using MERN Stack   GitHub

Deployed to production in Heroku, as beta version, and initially developed using Django and pure JS. Thereafter, developed using MERN stack and currently hosted in Microsoft Azure.

Restaurant Website using MERN Stack   GitHub

Aimed to practise full-stack skills, this website operates on immutable data, as well as user interaction data. Featured with a list of favorites, comments and login based on JSON Web Token authentication.

Digital Image Processor Mobile App using Mathematical Parameters   GitHub

Developed an Android and iOS app for image processing using OpenCV library, Swift, Java and Kotlin, which provides more than 30 methods with suitable control over their input mathematical parameters.

SKILLS

Programming	Javascript ES6, HTML5, CSS3, Python 3, C++, SQL
Tech Stack	React, Redux, Bootstrap, Node, Django, OpenCV, Git, Azure VM, MATLAB
Agiles	Design Thinking, Scrum, Kanban
Languages	Spanish (native), English (advanced), Russian (pre-intermediate)