Shiela Lipa

4108 Tanza Cavite | 09641730998 | shiala4@gmail.com | [LinkedIn](#) | [GitHub](#)

EXPERIENCE SUMMARY

- Developed a Chart Dashboard for equipment status using Chart.js, Bootstrap, and Java for the company website.
- Implemented data extraction and equipment status features using JavaScript, jQuery, HTML, and CSS on the company website to facilitate production analysis.
- Supported deployment using Apache Tomcat and MobaXterm.
- Managed MySQL databases, including updating, adding, deleting, creating, and executing scripts.
- Utilized MongoDB for database operations, enhancing data storage and retrieval capabilities.
- Created JIRA tickets and documented processes in Confluence.

PROFESSIONAL SKILLS

Programming/Development:	C++, Java, HTML, CSS, JavaScript, Python
Frameworks/Libraries:	Spring Boot, jQuery
Database:	MySQL, MongoDB
IDEs:	Eclipse, Spring Tool Suite, Visual Studio Code, MobaXterm
Project Management:	Jira, Confluence
Version Control:	SVN, GitHub
Non-Technical:	Project management (email, scheduling, calendar management), Microsoft Office MS Word, MS Excel(including Power BI)

EMPLOYMENT HISTORY

Programmer | Analog Devices - Cavite, PH   Jan 2023 - Present

- Skillset: Javascript, HTML, CSS, Java, Python
- Project Summary: Managing project activities for CELL CONTROLLER (C3), coordinating email communications and scheduling meetings. Managing material inventory and generating Essential Supply Request Forms (ESRF). Supporting Front-End and Back-End Development of Handler Enrollment Application and VM Application. Developing and debugging code in Java and HTML using Eclipse, MobaXterm, Spring Tool, and Visual Studio Code. Conducting data analysis on MongoDB platform. Creating JIRA tickets and documenting in Confluence. Managing MySQL databases through script execution. Implementing code versioning in SVN with Java Spring Boot framework.

Coding Teacher | Brightchamps | Remote   May 2022 – June 2024

- Skillset: HTML, CSS, JavaScript, C++, Python, Java, Scratch Jr. Programming, and ROBLOX (LUA).
- Summary: Experience in teaching variety of programming languages including HTML, CSS, JavaScript, C++, Python, Java, Scratch Jr. Programming, Thunkable platform, and ROBLOX (LUA). Using Zoom, I effectively educate students ranging from 6 to 18 years old. I assess student performance and provide recommendations based on their grades. I have experience with international students and communicate fluently in English, catering to learners from diverse regions such as Asia, Europe, Africa, and the US.

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Failure Analysis Technician | Integrated Micro-Electronics   June 2019 – Dec 2021

- Skillset: Failure Analysis, Component Isolation, Technical Interpretation, Chemical Handling, Process Improvement, Device Evaluation, Advanced Analysis Techniques, Selective Etching.
- Summary: Experienced in analyzing, testing, and debugging board failures with solar panels, generating weekly reports. Proficient in isolating issues within components. Skilled in interpreting circuit diagrams to create detailed Failure Analysis Reports. Capable of handling chemicals like nitric acid and sulfuric acid during de-capsulation. Proficient in device history evaluation through ATE verification and electrical tests using curve tracers, multimeters, and oscilloscopes. Familiar with advanced analysis techniques including X-ray, C-SAM, microscopic analysis with optical and metallurgical microscopes, and scanning electron microscopy for microstructural analysis.

Engineering Technician | Cypress Manufacturing LTD | Cavite   July 2016 – June 2019

- Skillset: ATE tools operation (Delta Edge, V8, RASCO, LCH, VERSATEST 2100/3300, NEXTEST, ADVANTEST), ATE test program setup.
- Summary: Experience in operating ATE tools such as Delta Edge, V8, RASCO, LCH, VERSATEST 2100/3300, NEXTEST, and ADVANTEST, and adept at setting up ATE test program files. I perform hardware qualifications and engineering lot qualifications, execute test program request check-out, and conduct data analysis.

EDUCATION & TRAINING

Certification in Web Development | Mindtech Institute   Dec 2021- Jan 2022

- Immersive Full Stack Software Developer short course and hands-on coding. Predominantly the program is based on HTML, CSS, JavaScript, Java, and web application development. Completed numerous practical projects.

Bachelor of Science in Industrial Electronics Tech | EARIST Cavite   June 2010 – March 2016

- The coursework emphasized practical skills in diagnosing and resolving technical issues, preparing graduates for careers in electronics manufacturing, maintenance, and quality assurance.