

Sheila Marie Cain

Application Developer / Database Developer / Full-Stack Developer

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linkedin.com/in/sheilamarielain | coding-isfun.com | Green Card Holder

Professional Summary

Experienced application, database and full-stack developer with 14+ years of global expertise spanning finance, insurance, hospital, shipping, manufacturing, maritime port, land transport, aviation, and film.

Skills

Python, PowerBuilder/PFC, SSIS, SSRS, Crystal Reports, SQL, T-SQL, PL/SQL, Flask, HTML, CSS, Node.js, JavaScript, Bootstrap, API, JSON, XML, MS SQL Server, Oracle, Sybase ASA, Sybase ASE, MySQL, Visual Studio, GitHub, AWS, Ubuntu, Relational Database, Software Testing, Quality Assurance, Agile, Scrum

Work Experience

Full-Stack Developer | Personal Project, United States

August 2023 – Present

- Developed a personal website and Sales Inventory System coding-isfun.com
- SDLC

- Languages, Tools and Technology: Python, Flask, HTML 5, CSS, JavaScript, Bootstrap, Node.js, JSON, API, Nginx, Unicorn, AWS EC2, MySQL, Ubuntu, Visual Studio, API, GitHub

Web Designer / Consultant | Tested Productions LLC, United States

January 2022 – Present

- Designed and created official websites using GoDaddy for independent film: testedthemovie.com testedthemovement.com
- Manage digital assets, edit multimedia content, and update IMDB and YouTube pages

Full-Stack Developer (Graduate) | Coding Dojo - Remote, United States

January 2023 – July 2023

- Completed intensive full-stack development bootcamp

- Languages, Tools and Technology: Python, Flask, HTML 5, CSS, JavaScript, Bootstrap, Node.js, JSON, API, Nginx, Gunicorn, AWS EC2, MySQL, Ubuntu, Visual Studio, API, GitHub

Application Developer (Contract Roles) | Singapore

May 2008 – December 2019

- Clients: Barclays, United Overseas Bank, NTUC Income, Softship, Land Transport Authority, Maritime Port Authority (under NCS), Civil Aviation Authority of Singapore (under NCS) and Singapore Airlines of Engineering (under NCS)
- Enhanced private bank client and tax pack applications with the new branch code for Barclays Wealth. Resolved performance issues. Code optimization. Created indexes. Provided support to the client relationship management ERP module, tax pack, client on-boarding and testing team. Created SSRS. DTS to SSIS migration. Created SSIS packages. Created SQL Server Agent Jobs for data workflows. Data integration. Conducted code change impact analysis and estimated the number of hours for code changes. Debugged application. Created test scenarios. Functional testing. User Acceptance Testing. System Integration Testing. Functional documentation to align the system functionalities with the business needs. Technical documentation. Knowledge transfer. Application Support. Quality Assurance. Deployment.
- Handled incentive and compensation management system and Third Party Repository application for United Overseas Bank.
- Enhanced health insurance application for NTUC Income. Created SSRS. SSIS migration. Created SSIS packages. Created SQL Server Agent Jobs for data workflows. Administered user roles and permissions. Mass emailing. Data integration. Created Stored Procedures and Triggers. Modified HTML files. Deployment.
- Enhanced shipping application for Softship. Debugged application. Test cases documentation. Functional Testing. User Acceptance Testing.
- Converted legacy Maritime Port Clearance application from Powerbuilder to Java for Maritime Port of Authority. System integration.
- Developed an electronic road pricing application for the Land Transport Authority.
- Updated user training material document for airport ground activities in Civil Aviation of Singapore.
- Enhanced Digital Information Management Engineering application for airplane repairs in Singapore Airline of Engineering. Gathered user requirements for enhancements. Debugged application. Functional Testing. User Acceptance Testing. Deployment.

- Languages, Tools and Technology: PowerBuilder 8 and 9/PFC, MS SQL Server 2000, 2005, 2008 R2 and 2012, DTS Job, Oracle 9i, Oracle PL/SQL 12, Sybase Adaptive Server Enterprise 15.5, Java 8, Eclipse, Spring MVC, Struts, Oracle WebLogic, Oracle VM Virtual Box, GitLab, Javascript, JSP, XML, HTML 5, CSS, Visual Basic 6, SSIS, SSRS, MS SQL Data Tools for Visual Studio 2008 and 2010, SQL Server BIDS, Crystal Reports, BMC Control-M, Visual Rules, HP Quality Center, Sharepoint, Borland Star Team, MS Access, MS Word, Excel, Agile

Application Developer | IBM, Philippines

June 2016 – May 2018

- Client: Sprint (T-Mobile)
- Developed features and debugged Sprint's Retail Management system.
- Created Stored Procedures, Triggers, Functions, Views, Collections and Packages. Created Explain Plan. Debugged application. Functional testing. Performance Tuning. Technical documentation. Reported to Scrum Master for daily development progress. Consolidated weekly reports from the team members. Quality Assurance. Application Support.
- Languages, Tools and Technology: Powerbuilder 11.5/PFC, Oracle PL/SQL 11g, IBM Rational ClearCase 7, XML, MS Word, Excel, Agile

Programmer Analyst | Philippines

October 2000 – April 2008

- Clients: NEC Technologies, Chong Hua hospital and Tamiya (under PowerPro Software Solutions)
- Enhanced SME financial application for NEC Technologies. Debugged application. Functional testing. User Acceptance Testing. Quality Assurance.
- Developed a clinic tenant billing application and referral incentive application to replace the DOS based application for Chong Hua hospital. Data migration. Full SDLC.
- Enhanced Enterprise Resource Planning (ERP), Material Requirements Planning (MRP) and Bill of Material (BOM) applications for workflow automation in Tamiya Philippines. Created objects, Stored Procedures, Triggers, Views and Functions. Data migration. Data pipeline. Administered user roles and permissions. User training. Analyzed and identified billable and non-billable tasks based on SLAs. Gathered user requirements for application customization. Application support. Debugged application. Functional testing. User Acceptance Testing. Quality Assurance. Provided user training for business users. Functional documentation to align the system functionalities with the business needs. Technical documentation. Deployment.
- Languages, Tools and Technology: Powerbuilder 7, 8 and 9/PFC, Sybase Adaptive Server Anywhere, Sybase Adaptive Server Enterprise 12.5, MS SQL Server 2005, dBase, Infomaker, PowerDesigner, MS Word, Excel

Education

Bachelor of Science in Computer Science – University of San Carlos, Cebu City, Philippines

Certifications & Training

PowerBuilder/PFC | Python/Full Stack Development