

ROBERT JOHN ULEP

Senior Software Engineer

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ABOUT ME

Senior Software Engineer with 15+ years of experience across enterprise systems, mobile application development, and cloud-enabled engineering environments, with a strong foundation in Mainframe COBOL and extensive expertise in modern .NET technologies. Proven track record delivering scalable, reliable, and maintainable solutions across backend, mobile, and DevOps-focused projects, with recent emphasis on .NET MAUI, Xamarin, and Azure DevOps—including CI/CD pipeline design, mobile platform support, release reliability improvements, and contributions to application architecture and technical problem-solving. Passionate about clean, well-structured, and sustainable software, consistently applying SOLID principles, clean architecture, and best-practice engineering standards to ensure high code quality, maintainability, and long-term platform health. Proficient in leveraging modern developer tools such as Claude Code, Cursor, ChatGPT, and GitHub Copilot to enhance coding, documentation, research, and productivity, enabling faster iteration and more efficient delivery. Thrives in collaborative technical environments, excels at tackling complex challenges, and is committed to continuously improving systems, processes, and team performance.

WORK EXPERIENCE

Senior Android Developer | RAMP RFID | Jan 2026 - Present

- Designed and maintained Azure CI/CD pipelines to streamline automated build and deployment processes.
- Developed reusable Android binding libraries for seamless integration with native SDKs.
- Served as the sole mobile developer for the Coral Traceability Solutions mobile application, ensuring high-quality delivery.
- Collaborated with stakeholders and backend teams to translate business requirements into scalable mobile solutions.
- Sole developer of the world's first coral traceability mobile solution for the Queensland coral fishery, supported by the Australian Government.
- Designed and implemented the end-to-end Android application integrating C6 devices (built-in RFID), Bluetooth RFID readers, and QR code tagging workflows.
- Engineered RFID scanning logic, device communication handling, and robust data validation to ensure accurate tag capture and traceability.
- Integrated backend APIs to enable real-time traceability reporting and regulatory compliance (CITES).
- Designed scalable architecture to support multi-device environments and evolving regulatory requirements.

Senior Software Engineer | Chevron | Makati | Oct 2025 - Jan 2026

- Developed and maintained Azure CI/CD pipelines for .NET MAUI and React Native applications, ensuring seamless deployment.
- Monitored and optimized pipeline performance to enhance stability and reduce deployment issues.
- Diagnosed complex production issues, conducting thorough root cause analyses to implement effective prevention measures.

Senior Mobile App Developer | Cognizant Softvision | Makati | Aug 2021 - Sep 2025

- Spearheaded client collaboration for a Xamarin Forms and .Net MAUI-based mobile app with a strong emphasis on mapping functionalities.
- Engineered innovative solutions, strategies, and code architecture for feature enhancements while resolving complex bugs and conducting performance optimizations.
- Developed robust NUnit Unit Tests to ensure application reliability and quality.
- Actively participated in all Scrum ceremonies, contributing to the agile development process.
- Authored detailed documentation for app functionalities, aiding in user comprehension and feature utilization.

Consultant: Programmer/Analyst Information | Transworld Systems Inc. | Jun 2021 - Oct 2024

- Engineered transformative COBOL programs using NetExpress Microfocus to convert client data into compatible formats for the FACS System.
- Designed and enhanced Enable report writer and logic block programs tailored to specific client needs.
- Proficiently managed various program types including RI, RO, DI, DO, PI, and PO, ensuring seamless data integration.
- Expertly executed the loading and unloading of accounts and managed debtor cash transactions within the FACS platform.

Senior Xamarin Developer | AXA Philippines | Dec 2020 - Aug 2021

- Engineered robust insurance applications for AXA utilizing Xamarin Forms with the MVVM Prism architecture.
- Enhanced web capabilities by providing AngularJS development support for AXA Solutions Online.
- Designed and implemented APIs for backend services, facilitating seamless integration with AXA Solutions Mobile.
- Developed sophisticated DevExpress reporting tools for comprehensive data analysis within AXA Solutions Online.

Programmer Analyst II | Alorica | Mandaluyong | Nov 2017 - Nov 2019

- Successfully led the migration from FACS to ARTIVA, elevating Cobol development efficiency and tripling task completion rates.
- Pioneered Cobol development initiatives, significantly reducing ticket backlogs.
- Engineered innovative technical solutions to integrate Client and Alorica systems seamlessly.
- Executed meticulous unit testing to guarantee the robustness of code functionality.
- Crafted and deployed COBOL code to facilitate bespoke interface solutions, enhancing system interoperability.
- Conducted comprehensive systems maintenance, ensuring programming updates aligned with evolving needs.
- Produced detailed technical documentation, diagrams, and charts to streamline problem-solving processes.
- Directed corporate programming projects, maintaining clear communication and adapting to evolving requirements and technologies.
- Authored technical manuals to convey project updates and guide IT Operations personnel.
- Mentored junior programmers, providing training and guidance to foster team development.
- Diagnosed and resolved system issues through in-depth code and data analysis, delivering effective solutions.
- Maintained proactive communication with clients, ensuring continuous feedback and resolution of specific system concerns.
- Rigorously tested software pre-launch to minimize bugs and optimize user experience.
- Collaborated with cross-functional teams, including project managers, developers, and QA, to troubleshoot and resolve technical challenges.

Developer II SC Support | Ingram Micro | Taguig | Mar 2016 - Nov 2017

- Achieved a 300% increase in on-time resolution of Severity 1 to Severity 4 tickets.
- Actively participated in conference calls to expedite resolutions for Severity 1 issues.
- Significantly reduced ticket backlog, enhancing overall support efficiency.
- Collaborated with the IMFIRST team, contributing to Cobol Mainframe and C++ front-end code fixes.
- Recognized as a top performer for resolving a high volume of Severity 1 to Severity 4 incidents.
- Conducted thorough system analysis, pinpointing root causes and implementing effective solutions.
- Identified and recommended process improvements to optimize support operations.
- Provided timely updates and detailed status reports to users throughout the resolution process.
- Led the execution of test plans to ensure system functionality met user requirements.
- Mentored team members, elevating technical and functional support capabilities.

Programmer Analyst | Expert Global Solutions | Taguig | Oct 2012 - Mar 2016

- Spearheaded a critical project, delivering on-time completion and earning a Certificate of Recognition from EGS.
- Engineered technical solutions to facilitate seamless Client-EGS system interfaces.
- Conducted thorough unit testing to validate code integrity and functionality.
- Authored and executed COBOL code to align with designed interface requirements between EGS and Client systems.
- Maintained and updated system programming to meet evolving needs.
- Provided mentorship and training to new hires, equipping them with necessary project skills and system knowledge.
- Diagnosed and resolved application issues through effective troubleshooting techniques.
- Diligently updated project documentation to reflect scope changes and ensure accuracy.
- Ensured comprehensive program documentation, detailing development processes, revisions, and modifications.
- Managed technical project aspects, ensuring timely completion of all milestones.

Software Engineer | Accenture | Mandaluyong | Apr 2010 - Sep 2012

- Spearheaded a successful enhancement initiative, leading a team of 7, coordinating with onshore partners, and ensuring timely project delivery.
- Expertly modified and developed COBOL programs and UNIX scripts, adhering to design principles and organizational standards.
- Executed comprehensive code implementation and testing to meet stringent functional and technical specifications.
- Engaged in extensive testing phases, including component, product, and regression, and effectively communicated results to stakeholders.
- Conducted thorough system analysis to pinpoint and resolve issues, optimizing processes for enhanced performance.
- Provided mentorship to team members, facilitating technical and functional support through knowledge sharing sessions.
- Delivered high-quality project outcomes on schedule and within budget, maintaining a flawless error/defect record.
- Innovated process improvements, contributing to the collective knowledge and efficiency of the project team.
- Played a key role in the Database Administration team, efficiently executing DB2 modifications.
- Promptly addressed and resolved user-reported issues, maintaining high standards of customer satisfaction.

EDUCATION

Bachelor of Science, STI College Global City, Taguig | 2008

- Bachelor of Science in Computer Science with a specialization in Software Development.
- Experience in app development and software design.
- Successfully developed and implemented a Sales and Inventory System for our thesis project.

SKILLS

- .Net Framework
- .Net Core
- Xamarin Forms
- .Net MAUI
- C#
- Agile, Scrum
- Git
- Azure DevOps
- Claude Code
- Cursor
- LINQ
- PostgreSQL
- React Native/React
- Next.js
- CSS3
- HTML5
- Unit test (Vitest)
- TypeScript
- Javascript
- GitHub Actions
- Microsoft Azure SQL Database
- REST API
- SQLite
- AngularJS
- Android Development
- Jira
- MVVM
- Java
- SQL Server
- DevExpress
- C++
- Cobol: Mainframe, Net Express Microfocus
- Toad Oracle
- Game Development: Unity, C#
- Unix
- 2D Physics
- Supply Chain Management
- Unit test (NUnit)
- Service Now Incident Management
- SQL
- Design and Development
- Visual Sourcesafe
- Crystal Report
- Ultra Edit
- Beyond Compare
- FACS
- Bitbucket
- Postman

REFERENCE

References available upon request