

# Christopher Espitia

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## Associate Software Developer

Secure SDLC Practices | Enterprise Applications | Database-Driven Software | Microsoft .NET | C# | SQL

### PROFESSIONAL SUMMARY

Associate Software Developer with a strong foundation in software engineering and hands-on experience supporting the delivery and maintenance of enterprise-grade custom software solutions. Experienced across the Secure Software Development Life Cycle including requirements analysis, design, development, testing, implementation, documentation, and ongoing support. Skilled in collaborating with developers, database administrators, and business stakeholders to build and maintain secure, database-backed applications. Brings strong problem-solving abilities, attention to detail, and the versatility to support legacy systems, troubleshoot production issues, and contribute to documentation, training, and continuous improvement initiatives.

### CORE SOFTWARE SKILLS

**Programming & Development:** Java, Python, SQL, C#/.NET (foundational), object-oriented programming, secure coding practices

**Software Development Lifecycle:** Requirements analysis, design specifications, implementation, testing, deployment, maintenance, documentation

**Web & Application Technologies:** HTML5, CSS, JavaScript, JSON, AJAX, Vue, Angular, React, RESTful APIs, MVC architectures, client/server applications, web applications, middleware concepts

**Database & Data Management:** Relational databases, SQL Server concepts, schema design, normalization, data integrity

**Tools & Platforms:** Git, GitHub, version control, issue tracking, Windows Server environments, IIS/Azure familiarity

**Enterprise & Support Systems:** Legacy system maintenance, COTS software support, incident troubleshooting, production support

**Documentation & Process:** Technical documentation, design specifications, test plans, deployment documentation, user guides

### EDUCATION

University of Southern California (USC)

Los Angeles, CA

**Master of Science (M.S.) in Computer Science**

Graduation Date: 2025

University of California, San Diego (UCSD)

San Diego, CA

**Bachelor of Science (B.S.) in Computer Science**

Graduation Date: 2021

### CERTIFICATIONS

CompTIA Security+

01/2026

CompTIA Network+

12/2025

CompTIA A+

11/2025

### PROFESSIONAL EXPERIENCE

L & B Holdings, Inc.

San Diego, CA

**Associate Software Developer / Software Engineer**

09/2020 – 12/2025

- Assisted in the development, enhancement, and maintenance of custom enterprise software applications following Secure SDLC best practices.
- Collaborated with senior developers and stakeholders to understand requirements and translate business needs into technical solutions.
- Contributed to software design activities including application structure, database usage, and solution architecture under guidance.
- Implemented software features through coding, testing, and documentation in accordance with established development standards.
- Maintained and updated existing software systems, troubleshooting issues and correcting defects to improve performance and reliability.
- Supported legacy systems by updating codebases to remain compatible with evolving Windows Server environments.
- Responded to escalated incidents from support teams, analyzed root causes, implemented fixes, and documented resolutions.
- Assisted with database-backed applications, working with relational schemas and SQL queries to support application functionality.
- Produced and maintained technical documentation including requirements specifications, design notes, test plans, deployment guides, and support documentation.
- Supported training and knowledge transfer by documenting system behavior and assisting with user and internal team guidance.
- Contributed to business continuity and disaster recovery efforts by supporting documentation review and system readiness activities.

### ADDITIONAL EXPERIENCE

**Senior Web Developer** | Trustwave

San Diego, CA

**Web Manager/Web Developer** | The Qualcomm Institute (Formerly Calit2)

San Diego & Irvine, CA