

Alejandro Guillén

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Objective

Dynamic Senior Software Engineer with 35 years of experience in designing, developing, and deploying innovative software solutions. Proven track record of collaborating with cross-functional teams, mentoring developers, and driving project success. Seeking a leadership role where I can apply my expertise in software architecture and problem-solving.

Professional Experience

Senior Software Engineer, Jackpot Digital

2016 – 2025

- Led the design and implementation of Jackpot Blitz front-end and back-end systems.
- Collaborated with cross-functional teams to deliver high-quality software products on aggressive timelines.
- Mentored junior developers, fostering a collaborative and innovative team culture.
- Conducted regular code reviews to ensure adherence to coding standards and best practices.

Freelance Lead Programmer (iOS/Android/Web)

2015 – 2016

- Developed Uber-style carpool and driver apps integrating GPS and WeChat APIs.
- Created a native Android keyboard app (Kickstarter project).
- Designed and maintained a multimedia CMS for QwickMedia digital signage hardware.
- Point-of-sale software for BingoNation mobile applications.
- Educational privacy literacy game for MediaSmarts targeting youth users.

Software Developer, QwickMedia and BingoNation

2010 – 2015

- Developed software for interactive kiosks for clients such as Metrotown, Sears, and Walmart.
- Built BingoNation POS for U.S. casinos and led demos for stakeholders.
- Managed a team of developers and designers; coordinated testing with offshore QA.

Web Programmer, Visible Strategies

2006 – 2010

- Built See-It software for strategic planning and performance tracking.

Web Programmer (Contract Roles)

2005

- E-commerce site with PayPal integration (Beauty Biz Supplies).
- Interactive catalog application (Color Energy).

Education

- Business Analysis and Systems Design — BCIT, 2015
- Java Development — BCIT, 2014
- Computer Engineering — UASLP, 1997–2001

Certifications

- GLI Certification: BingoNation (Class 2)
- GLI Certification: Blitz Poker Table (Class 24, Class 11)

Technical Skills

- Languages: Java, Python, C#, TypeScript, AS3, C++, Pascal, Bash, COBOL
- Web: HTML, CSS, JavaScript, PHP, Jade/Pug, Sass
- Frameworks: Angular, jQuery, Express.js, WPF, Play Framework
- Databases: MySQL, SQL, SQLite, PostgreSQL
- Version Control: Git, Bitbucket
- Cloud & Tools: AWS, Jenkins, GitHub
- OS: Windows, Linux, macOS
- CMS: WordPress, Drupal, Radical, Konami Synkros, Oasis 360
- Embedded: Epic 950, VPK80 II, Phidget, MEI, IDTECH SmartPIN, HID Omnikey, RFID Readers

Patents

Jackpot Blitz Poker Table - US Provisional Patent App. No. 62/460,058

Clients

Virgin Voyages Cruises, Carnival Cruises, Princess Cruises, Metrotown, City of Vancouver, City of Richmond, Al Gore, University of Phoenix, Coyote Valley Casino, Sears, Walmart, Gray Wolf Peak Casino (Montana), Jackson Rancheria Casino Resort (California), Chukchansi Gold Resort & Casino (California)

Other Work

- Photography, Photo Editing, Video Editing (10+ years)
- Website, social media, and ad management – The Squarerigger Pub, West Vancouver