Jonathan Cruz

Professional CV / Resume

GovTech modernization | Software engineering leadership | Technical instruction | Public service

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PROFESSIONAL PROFILE

GovTech modernization, software engineering leadership, technical instruction, current elected service, and ongoing doctoral study in computer science for organizations that need technical depth with public-sector judgment.

Public-sector modernization

The profile summary centers on modernizing public-sector services through software engineering, disciplined delivery, and continuous improvement.

Government technology and higher education

The work spans county software engineering and college-level technical instruction, giving the professional record both operational depth and teaching range.

From requirements to rollout

The professional profile explicitly frames the work as leading and building solutions that move from requirements to rollout.

Service, transparency, and practical outcomes

The stated values emphasize service, transparency, practical modernization, and outcomes that residents can feel.

CORE CAPABILITIES

Engineering: Software systems, modernization, and cross-department delivery.

The strongest technical thread in the profile is building systems that operate inside real institutions rather than in isolation.

- Designed and developed software systems across county operations.
- Built a welfare benefits system for the Human Services Agency.
- Led process-improvement and automation efforts in government settings.

Delivery: Program, project, and process discipline backed by formal credentials.

The leadership posture is reinforced by both the work history and the credential stack.

- Managed timelines, budgets, and resources in public-sector software work.
- Used both traditional and agile methodologies across delivery efforts.
- Holds PMP and PMI-ACP credentials from PMI.

Instruction: Technical teaching, feedback, and workforce-aligned course stewardship.

The instructional work adds a dimension many engineering resumes lack: the ability to explain, mentor, and maintain learning systems.

- Teaches computer information systems and full-stack development.
- Prepares lectures, discussions, assignments, and exams.
- Provides timely and constructive feedback to students.

Operations: Safety, supervision, and execution in high-consequence environments.

The Navy foundation gives the profile operational credibility that predates the software titles.

- Oversaw F/A-18C aircraft maintenance and operational readiness.
- Trained and evaluated junior maintenance personnel.
- Implemented safety and quality control programs with VFA-94.

SELECTED EXPERIENCE

City Council Member

City of Lemoore | January 2025 - Present | Lemoore, California, United States

Elected representative for District D, contributing to public policy, fiscal oversight, constituent service, infrastructure, public safety, economic development, and responsible use of public resources.

- Represents District D in local governance and community priorities.
- Serves on the League of California Cities Environmental Quality Committee.
- Works with residents, staff, community organizations, and regional partners.

Adjunct Faculty, Computer Information Systems

Lemoore College | March 2020 - Present | United States

Teaches the six-course front-end and back-end development pathway, develops applied course material, mentors students, and serves as a subject matter expert for career technical education curriculum.

- Teaches HTML/CSS, advanced CSS, JavaScript, C#, .NET, database design, and SQL.
- Contributed to redevelopment of the programming academy into a six-course full-stack pathway.
- Documented recent sections include 134 enrollments from Spring 2025 through Spring 2026.

Principal Software Engineer

County of Kings - California | January 2014 - August 2023 | Hanford, California, United States

Led application design, programming, modernization, automation, process improvement, project delivery, troubleshooting, and cross-department implementation support in county government.

- Built a Welfare Benefits System that reduced processing from approximately half a day to under five minutes.
- Supervised a 9-member technical and business team.
- Modernized financial, budgeting, property, HRIS, public information, and legacy-system workflows.

Aviation Machinist's Mate Third Class (AW), E-4

U.S. Navy VFA-94 | January 2010 - January 2014 | NAS Lemoore, California

Supported F/A-18C maintenance, troubleshooting, launch and recovery, flight-line operations, safety, instruction, inspection, and aircraft readiness.

- Night Check Supervisor for a 5-Sailor troubleshooting team.
- Supervised 17 Sailors in Line Shack operations.
- Aircraft Turn Operator Instructor and Collateral Duty Inspector.

EDUCATION

Doctor of Philosophy (PhD) Student, Computer Science

National University | January 2022 - Present

Current coursework in Software Engineering and Research Design, following completion of Artificial Intelligence, with a research interest in Distributed Quantum Computing and a target graduation of December 2030.

Master of Business Administration, Information Technology Management

Western Governors University | Awarded October 2018

Capstone simulation recognized for top-ten-percentile team performance.

Bachelor of Science, Computer Science

Grantham University (now University of Arkansas Grantham) | Awarded July 2015

Summa cum laude. Institutional GPA 4.00.

CURRENT CREDENTIALS

Project Management Professional (PMP)(R)

Project Management Institute | Issued December 2017 | Expires December 2029 | Credential ID 2112365

PMI Agile Certified Practitioner (PMI-ACP)(R)

Project Management Institute | Issued February 2021 | Expires February 2030 | Credential ID 2980552

Certified ScrumMaster(R) (CSM(R))

Scrum Alliance | Issued December 2017 | Expires December 2029 | Credential ID 000731822

Lean Six Sigma Black Belt

GLSS (GoLeanSixSigma.com) | Issued December 2021 | Renewed October 15, 2026 | Expires October 15, 2028 | Credential ID 0261000926

Data Analytics

Google | Issued March 2022

ADDITIONAL CREDENTIALS

Lean Six Sigma Green Belt

GLSS (GoLeanSixSigma.com) | Earned | Issued January 2018 | Credential ID 25857328

Powerplant Mechanic (Aircraft Engine Mechanic) Journeyman

Department of Labor | Earned | Issued December 2011 | Credential ID 377092

SELECTED CASE STUDY THREADS

Software systems for benefits delivery, automation, and cross-department operations.

Principal Software Engineer / County of Kings - California | January 2014 - August 2023

Shows the ability to move work from requirements to rollout in a public-sector environment where reliability, maintainability, and stakeholder alignment matter.

Full-stack and computer information systems instruction with practical workforce alignment.

Adjunct Instructor of Computer Information Systems / Lemoore College | March 2020 - Present

Demonstrates technical communication, mentoring, curriculum stewardship, and the ability to translate complex material into usable instruction.

Maintenance leadership in a high-consequence environment.

Aviation Maintenance Supervisor / US Navy | January 2010 - January 2014

Adds a service-tested foundation in safety, supervision, quality discipline, and execution under pressure, with several service accolades and four years with zero aircraft accidents noted in the profile.

LIKELY FIT

Cities, counties, and GovTech teams

The strongest alignment is with organizations working on modernization, public-facing systems, digital service delivery, and cross-department coordination.

Colleges and workforce programs

The teaching record makes this profile a natural fit for programs that value technical instruction, curriculum stewardship, and mentoring.

Mission-driven organizations with operational stakes

The combined engineering and service background fits environments where trust, reliability, and execution matter as much as technical breadth.

Leadership roles that need both delivery and communication

The mix of project leadership credentials, software engineering work, and public-facing responsibility points to roles that require both building and translating.

OPERATING APPROACH

Modernization with discipline

The profile summary emphasizes modernizing public-sector services by combining software engineering with disciplined delivery and continuous improvement.

Translation across audiences

Cross-functional leadership and stakeholder communication show up repeatedly, especially in work that connects technical systems to organizational needs.

Practical, measurable systems

The stated preference is for systems that are reliable, maintainable, and measurable rather than merely impressive on paper.

Service-oriented outcomes

The profile summary explicitly highlights service, transparency, and practical modernization with a focus on outcomes that residents can feel.

HIRING VALUE

Institutional fluency across multiple settings

The record spans county government, higher education, elected civic service, and military operations rather than a single narrow lane.

- County government software engineering experience at the County of Kings.
- Current adjunct instruction in computer information systems at Lemoore College.

Delivery maturity backed by formal credentials

Project, agile, analytics, and process-improvement credentials reinforce the delivery posture already visible in the work history.

- Project Management Professional (PMP)(R).
- PMI Agile Certified Practitioner (PMI-ACP)(R).

Technical depth paired with communication range

The profile combines engineering work, stakeholder coordination, and teaching, which is valuable for roles that require both building and translating.

- Cross-functional collaboration with Human Services, Finance Auditor, and Treasury stakeholders.
- Teaching full-stack development and computer information systems.

Public-service orientation rather than purely internal delivery

The public-facing thread is unusually clear: government systems, elected service, and a profile summary focused on outcomes residents can feel.

- Profile summary emphasizes service, transparency, and practical modernization.
- Work includes modernization of public-sector services.

RECOGNITION

Navy Achievement Medal / Junior Sailor of the Year

Recognition listed on the profile for 2013 Navy service.

Safety Pro of the Month

Profile lists this award for July 2013.

WGU MBA Capstone Team Simulation Performance Award

Award copy from June 2018 recognizes top-ten percentile performance in the Capstone Business Simulation for teamwork, leadership, and strategic execution.

Zero aircraft accidents with VFA-94

The Navy service summary lists four years of supervised maintenance work with zero aircraft accidents.