

Los Angeles County Metropolitan
Transportation Authority



Information Technology Architect



Trusted Hiring Partner



ABOUT



The Los Angeles County Metropolitan Transportation Authority, also known as *Metro*, is the county agency that plans, operates, and coordinates funding for most of the public transportation system in Los Angeles County, California, the most populated county in the United States.

Metro is unique among the nation’s transportation agencies. Metro serves as transportation planner and coordinator, designer, builder, and operator for the country’s largest, most populous county. More than 10 million people – nearly one-fourth of California’s residents – live, work and play within Metro’s 1,433-square-mile service area.

The agency directly operates a large transit system that includes bus, light rail, heavy rail (subway), and bus rapid transit services; and provides funding for transit it does not operate, including Metrolink commuter rail, municipal bus operators and paratransit services.



MISSION

Metro safeguards the transit community by taking a holistic, equitable, and welcoming approach to public safety. Metro recognizes that each individual is entitled to a safe, dignified, and human experience.

VALUES

- Implementing a **Human-Centered Approach**
- Emphasizing **Compassion** and a **Culture of Care**
- Recognizing **Diversity**
- Acknowledging **Context**
- Committing to **Openness** and **Accountability**

THE COMMUNITY



A place for bold dreams, creative expression and limitless possibilities, Los Angeles is a city defined by its people. One of the most culturally diverse destinations in the world with Angelenos from 140 countries who speak 224 different languages, LA inspires visitors to immerse themselves in unique perspectives, unexpected moments and open-hearted community. There's always something new to discover in the City of Angels whether you're a frequent visitor or a first timer, with an abundance of multi-faceted neighborhoods and hidden gems to explore. From world-class museums and championship sports teams to beautiful beaches and one-of-a-kind culinary experiences, Los Angeles invites you to join our vibrant, bustling community of dreamers and doers.

THE BENEFITS



Providing Outstanding Employee Benefits

- **Medical & Dental Coverage:** Metro will cover a significant portion of your health care premiums.
- **Retirement & Pension:** Save for your future with 401K and 457 retirement plans PLUS a generous pension plan.
- **Career Paths:** Metro provides educational reimbursement, professional development, certifications, and training programs to advance your career.
- **Work-Life Balance:** Metro offers employees flexible work schedules available, paid time off and paid holidays, family leave, and a child care center.
- **Wellness:** Metro provides employees a FREE onsite fitness center, wellness fairs, and agency-wide fitness challenges and events.
- **Employee Perks:** Ride on the Metro system for FREE with a Metro TAP Card, employee discounts, recreational activities, and resources in improve your life.



Metro

THE ROLE



The Information Technology Architect leads the strategic management and execution of the application systems and infrastructure life cycles, aligning with Cybersecurity standards and frameworks by designing and managing continuous integration environments, ensuring robust application and infrastructure security, and implementing innovative solutions.

Duties & Responsibilities

- Leads system development life cycle or network infrastructure life cycle.
- Defines, implements, documents and performs tests on security controls in complex applications and infrastructure environments.
- Maintains the sensitivity and confidentiality of data and systems architecture environment.
- Implements innovative solutions utilizing emerging technologies.
- Translates business needs into technical solutions that will improve service quality and efficiency while meeting business objectives.
- Creates technical designs based on functional specifications.
- Provides technical assistance and performs end user troubleshooting for bug fixes and technological enhancements.
- Supports integrations between various IT platforms and enterprise architecture.
- Leads technical personnel and ensures that required reports and documents produced are accurate and reliable.
- Oversees software development and enhancement, and provides production support for business application systems on behalf of client departments.
- Maintains responsibility for analysis, design and implementation of projects as assigned, including complex and highly specialized applications.
- Conducts the most complex programming, system analysis, and design of highly complex systems using information system development methodology in a multi-platform infrastructure and environment.
- Recommends approval of system designs and interacts with user managers and department users; diagnoses and resolves system problems involving programming logic, interoperability between several technical components, and client interface.
- Researches, identifies, and refers complex technical problems related to platform management, database administration, network connectivity and desktop support to the appropriate ITS operating unit for resolution.
- Leads the preparation of project reports such as technical overviews, client recommendations, alternatives to business requirements, feasibility studies, project proposals, and requests for proposals for the purchase of new software and hardware.
- Participates in the evaluation, configuration, implementation, and integration of commercial off-the-shelf (COTS) software.
- Develops software and hardware specifications and standards.
- Leads the department's information security, disaster recovery, and safety programs.
- Contributes to ensuring that the Equal Employment Opportunity (EEO) policies and programs of Metro are carried out.
- May be required to perform other related job duties.





ABILITY

Posses the **Ability** to (*defined as a present competence to perform an observable behavior or produce an observable result*):

- Lead the development of enterprise application software systems.
- Provide technical support and training.
- Create technical documents.
- Create custom solutions and offer viable solutions for various systems and architectures to different types of businesses.
- Integrate applications with existing systems to eliminate potential problems and maintain data structure and integrity.
- Lead the development and implementation of complex information systems using software engineering techniques.
- Resolve highly difficult problems regarding highly complex programming and systems logic.
- Perform highly complex systems implementation and integration tasks.
- Provide technical project management across multiple projects and concurrent tasks.
- Identify and lead the implementation of new and creative solutions that are compatible with current and future technologies.
- Analyze and evaluate system changes to determine feasibility.
- Analyze situations, identify problems, and recommend and implement solutions in a cost-effective manner.
- Clearly define system integration and interface requirements.
- Understand, interpret, and apply laws, business rules, regulations, policies, procedures, contracts, budgets, and labor/management agreements to support business processes.
- Exercise judgment and creativity in making decisions.
- Interact professionally with various levels of employees and outside representatives.
- Maintain confidentiality regarding sensitive information.
- Read, write, speak, and understand English.





KNOWLEDGE

Has **Knowledge** of (*defined as a learned body of information that is required for and applied in the performance of job tasks*):

- Full lifecycle implementation of Enterprise Resource Planning systems.
- Complex business processes, as well as areas outside of immediate responsibility.
- Theories, principles, and practices related to information systems and supported business areas.
- Data communications involved in LANs, WANs, and gateways.
- Mathematics used in complex business applications.
- Business process and system process modeling and problem-solving techniques.
- Principles of supervision.
- Applicable local, state, and federal laws, rules, and regulations governing information systems for a public agency.
- Change control systems and other Information Technology best practices.
- Project management methodology and techniques.



SKILLS

Has **Skills** in (*defined as the proficient manual, verbal, or mental utilization of data, people, or things*):

- Communicating effectively orally and in writing.
- Troubleshooting and correcting operations problems.
- Interacting professionally with internal and external representatives.
- Clearly defining system integration and interface requirements.
- Data analysis and data modeling.
- Learning new technology and complex systems.
- Operating a personal computer, computer terminal, and general office equipment.

MINIMUM QUALIFICATIONS

Education

Bachelor's Degree in Computer Science, Business Information System Technology, Computer Engineering, Business Administration, or a related field; Master's Degree in a related field preferred

Experience

Six years of relevant experience or three years of relevant supervisory-level experience in designing, implementing and maintaining an enterprise-wide system

Certifications, Licenses, & Special Requirements

Certification in Microsoft/Azure, Oracle, Amazon AWS and SalesForce preferred

PREFERRED QUALIFICATIONS

- Experience designing secure systems in IT architecture involving creating architectures that protect against modern cybersecurity threats within critical infrastructure environments.
- Experience utilizing wide range of security technologies such as firewalls, intrusion detection/prevention systems, encryption technologies and security frameworks (NIST, ISO/IEC 27001) to guide secure architectural decisions.
- Experience implementing secure network architecture, including but not limited to, secure cloud architectures (Infrastructure as a Service (IaaS), Software as a Service (SaaS), and Platform as a Service (PaaS)), enterprise security architecture, data protection, identity and access management, and application security.
- Experience analyzing complex security requirements and translating them into effective architectural solutions, with strong problem-solving skills for addressing security challenges.
- Experience communicating and articulating architectural designs and security considerations to stakeholders at all levels, including non-technical audiences.
- Certifications such as TOGAF (The Open Group Architecture Framework) for architecture, combined with security-focused certifications like Certified Information Systems Security Professional (CISSP) or Certified Information Security Manager (CISM), to demonstrate expertise in both architectural principles and cybersecurity.

APPLY NOW

Information Technology Architect



This is an opportunity to join one of the nation's largest and most innovative transportation systems. To apply for the **Information Technology Architect** position with Metro, please visit www.davidgomezpartners.com or send your resume to Recruiting@DavidGomezPartners.com .

The deadline to apply is **Monday, April 1, 2024** to be considered.

**Salary Range For This Position: \$120,994 - \$151,216 - \$181,459*



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