



Computer Hardware Architect

E3R Opportunity, San Diego, CA; Computer Hardware Architect

Job Description: E3R is seeking a skilled and motivated **Computer Hardware Architect** to support the design, implementation, and sustainment of secure command and control (C2) solutions in classified environments. This role is critical to delivering reliable, mission-ready hardware systems for both fixed secure facilities and field/remote deployments. The ideal candidate will work closely with government stakeholders and cross-functional technical teams, providing hands-on architectural expertise across the full system lifecycle while operating primarily onsite in secure facilities.

Functional Description:

- Design and implement the hardware components for command and control solutions which can be deployed to secure facilities and field/remote locations.
- Work onsite in a classified environment. Remote work supported only in limited capacity (short duration, NIPR) and with approval of the sponsor
- Work directly with stakeholders in a technical role; lead or participate in planning, technical exchange meetings, and design reviews with customers
- Evaluate user requirements and recommend appropriate systems and equipment
- Collaborate with other technology teams to design hardware systems and components
- Incorporate DoD Cybersecurity and Physical Security policies in the design and sustainment of the command and control solutions.
- Solve hardware-related problems with the goal of supporting a wide range of technological advancements
- Create models and designs of new systems
- Produce functional and engineering diagrams, schematics and technical drawings
- Troubleshoot processes related to computer hardware functionality
- Present and explain designs to managers, clients, and fellow employees
- Work in a lab to run tests, analyze the results, and recommend courses of action
- Monitor the production and installation of computer hardware systems
- Perform validation reviews to ensure that hardware installations meet stakeholder requirements
- Perform quality assurance reviews to ensure that computer hardware designs are accurate
- Perform verification reviews to ensure that hardware installations are compliant with approved design
- Produce documentation to support installation, configuration, troubleshooting, and operator usage of systems designed
- Plan technical refresh and hardware update of existing systems; recommend timelines for technical refresh
- Document work plans and status in Agile Management systems (e.g. Jira, Confluence, GitLab)

Certification:

E3R is committed to providing equal employment opportunities (EEO) to all employees and applicants for employment without regard to race, color, religion, sex, age, physical or mental disability, national origin, citizenship, military or veteran status, sexual orientation, gender identity and/or expression, genetic information, or other status protected by federal, state or local law.



- Required: meet DoD IAT Level 1 (CompTIA Security + and OS/Computing Environment certification)
- Other desirable certifications:
 - Certified Data Center Design Professional (CDCDP)
 - Certified Hardware and Technology Engineer (CHTE)
 - CompTIA IT Fundamentals
 - CompTIA A+
 - CompTIA Project+
 - CompTIA IT Operations Specialist

Desired Knowledge, Skills, Abilities:

- 5+ years of experience with implementation and understanding of Engineering principles in a professional environment
- 5+ years of experience in the development, implementation, and maintenance of computer system architectures
- Critical thinking
- Reading comprehension
- Creativity
- Technical Writing
- Presentations to management
- Working in Small Groups
- Excellent interpersonal skills
- Ability to dynamically prioritize tasks
- Organized with attention to detail and accuracy
- CAD Skills Desired

Security Clearance Requirement: TS/SCI eligible

Education Requirement: Bachelor of Science in Information Systems, Information Technology, Computer Science, Network Engineering or related field

Place of Performance:

Salary Range: \$150,000 - \$180,000

Benefits: E3R has a comprehensive benefits plan which includes HMO/PPO Medical Plan Options, Employer Sponsored Health Reimbursement Arrangement, 401(k), Dental and Vision Plans, company paid Life Insurance, Voluntary Life and AD&D, Pet Insurance, Employee Assistance Program as well as Paid Time Off, Sick Leave and Paid Holidays.

Company Description:

Exceptional Employees for Exceptional Results (E3R) was founded June 6th, 2011 as a Service Disabled Veteran Owned Small Business. Our company name reflects our business model. Corporate management and infrastructure do not provide direct support to our clients. Our

E3R is committed to providing equal employment opportunities (EEO) to all employees and applicants for employment without regard to race, color, religion, sex, age, physical or mental disability, national origin, citizenship, military or veteran status, sexual orientation, gender identity and/or expression, genetic information, or other status protected by federal, state or local law.



employees do. If we attract and retain the best employees in our industry, we will be successful. If we fail to provide a quality workforce, nothing else matters. We achieve our purpose and our business success through hiring and retaining the very best employees in our industry.

How to apply: Interested candidates who meet the qualifications above should apply via the following link: <https://www.ondemandassessment.com/o/JB-16UISA48I/landing?u=1137965>

E3R is committed to providing equal employment opportunities (EEO) to all employees and applicants for employment without regard to race, color, religion, sex, age, physical or mental disability, national origin, citizenship, military or veteran status, sexual orientation, gender identity and/or expression, genetic information, or other status protected by federal, state or local law.