

Principal Technology Architect

Background

[2d3, Inc.](#) (dba 2d3 Sensing), a provider of cutting-edge, standards compliant media management, exploitation, and computer-vision software solutions, is looking for highly motivated software engineer/developer/architect candidates to join our Washington, DC-based business unit.

2d3 Sensing is a commercial off the shelf (COTS) technology provider specializing in the processing, exploitation and dissemination of multispectral still and motion imagery and metadata. Using innovative vision science techniques and standards based media management capabilities, 2d3 Sensing improves and extracts the information contained in motion imagery for better situational awareness, intelligence, surveillance and reconnaissance. 2d3 Sensing's solutions are available as stand-alone software products and SDKs. 2d3 Sensing is a wholly owned subsidiary of Oxford, UK based OMG plc, with US offices notably in California and Washington, DC.

We are a national company, and we have employees, customers, and prospects distributed throughout the USA. Expect at least 15% travel.

About the Position

Responsibilities

This position is for a senior technologist, where the candidate will be responsible for a number of duties, including the following:

- Provide guidance for technology direction for 2d3 Sensing software products, with a focus on Security & Distributed Systems (Big Data Analytics)
- Design & develop various capability modules for Catalina and TacitView, including security and analytical services, as well as the rapid integration of teammate capabilities.
- Support direct engagement with customers & potential customers to increase product and solutions sales
- Support enterprise technology initiatives for DoD/IC customer base, including the integration of these standards and technologies within 2d3 Sensing's offerings.
- Evangelize 2d3 Sensing's position on standards-based products and solutions, providing thought leadership and exposure to 2d3 Sensing as a speaker at government/industry conferences and publications.
- Provide technology guidance for bringing mission-relevant products to market through close collaboration among the Product Manager, Research and Development Team, and the Solutions Teams in the NSO and UK offices.
- Establish, maintain and grow personal relationships with key individuals and groups in our target customer and partner base to enhance product reputation and positively impact future sales.
- Participating in the planning and design of 2d3 Sensing's line card of products through individual research, experience, and market understanding, to lead to closed sales.
- Exploring and researching partner relationships that amplify our current efforts and provide the resulting partnership unique opportunities for growth and a stronger position for each partner, as well as grow revenue.
- Participating in/contributing to the overall company strategy as it pertains to new vision based products and service by collating industry research, competitive research, and strategic vision.
- Other duties may be assigned at the discretion of management in the context of the role.



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Required

- DoD TS Cleared with Active SSBI
- Name recognition as Subject Matter Expert & Thought Leader in Information Security, Big Data Analytics & Web Services/Cloud Technologies
- Solid understanding of OO Design Practices; Robust knowledge and experience with C++ and Java, software development experience writing software using multiple threads and processes
- Demonstrated Subject-Matter Expertise designing and developing systems for the DoD/IC for DCID 6/3 PL/3 accredited systems, & expertise with various authentication and authorization models
- Demonstrated Expertise with Web Services (SOAP & RESTful Web Services Design & Implementation, Web Services Security), Cloud computing & distributed systems (e.g: NoSQL databases, Hadoop)
- MSEE, MSCS or equivalent technical degree, 20+ years of applicable professional experience.
- 15-20 years of direct IT project/program execution experience, preferably in a customer facing role.
- Fluency in English, both written and spoken; excellent telephone and meeting etiquette/skills.
- You must communicate technical topics in a compelling way.
- A desire to ‘get in front of the customer’ and expand your knowledge of the customers’ requirements.
- Expert knowledge of Microsoft Office applications, specifically Word, PowerPoint, and Excel.
- Excellent analytic problem solving and critical thinking skills.
- Have a tremendous ability to multi-task, prioritize, and go the extra mile for our client base.
- Be willing to travel at least 15% of the time.

Desired

- Proficient in Salesforce and Redmine.

Applying

If you are interested in applying for the position, please email your resume to careers@2d3sensing.com. Resumes should be provided as files in text, Microsoft Word, or PDF format. Additionally, resumes will not be accepted without a cover letter, which must fulfill the criteria below.

In your cover letter, address the following items if they are not addressed in your resume:

1. United States citizenship
2. Availability to begin work
3. Background and skills relevant to the position
4. Years and nature of industry experience
5. Your desired compensation package



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