

ROBERT SMITH

Senior Mechanical Engineer III

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SUMMARY

Dedicated, results-oriented engineer seeking career opportunities in a leading company where my wide variety of skills, education, and experience can be used to progress the company, as well as gain the knowledge and experience to advance professionally within the business.

SKILLS

ERP, Programming, VBA, CAD, Excel, Product Development, SQL.

WORK EXPERIENCE

Senior Mechanical Engineer III

ABC Corporation - 2001 - 2008

- Technical oversight and management of contracts for the procurement of equipment used in the dry storage of spent naval nuclear fuel.
- Manage multiple contracts for the procurement of equipment ranging in value from \$10,000 to \$500,000.
- Provide written and verbal technical recommendations to the US Navy on equipment procurements and problems.
- Generate cost estimates and purchase order technical requirements for equipment procurement.
- Conduct negotiations with vendors to ensure procurements are in line with the overall project budget and schedule.
- Oversight of equipment fabrication at vendor facilities, disposition of manufacturing discrepancies, and field support during installation.
- Site coordinator of the integrated project schedule for the design, procurement, and installation of equipment used in dry storage of spent naval nuclear fuel.

Senior Mechanical Engineer

ABC Corporation - 1998 - 2001

- Mechanical engineering and machine design of abrasive blasting systems for aircraft stripping. Designed several machines and mechanical systems from scratch which utilize pneumatic and electric motion control for movement and articulation.
- Designed controls logic for pneumatic and electric controlled hardware systems, programmed PLCs for service.
- Redesigned and improved a system control valve which increased working life span by 400%.
- Developed process hardware which allowed 10 times longer life than prior design.
- Modeled valves and equipment rooms using computational fluid dynamics (CFD) with Cosmos.
- Performed on-site trouble shooting equipment, found root causes and implemented corrective actions.