

# Ali Ahmed Al-Zahrani

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Objective	Engineering Manager commensurate with my experience.
Languages	Fluent in Arabic and English, written and spoken.
Experience	Royal Saudi Naval Forces Research and Development Center (RDC), Riyadh / Jubail
Job Title	Engineering Department Manager, U.S. Classified Billet [13 Jun 2012 to 10 Feb 2021] [10 FEB 2020 to 10 FEB 2021] Jadwalean International. [13 Jun 2012 to 09 FEB 2020] AL-RAWAKIB Int. Contracting Est.
	Managing engineering department divisions that have qualified personnel in the fields of mechanical engineering, electrical engineering, combat systems engineering, hull technology and drafting: <ul style="list-style-type: none"> <li>Assigned tasks to specific individuals.</li> <li>Provided guidance to subordinates on recommended technical approaches to tasks.</li> <li>Reviewed all final products ensuring they were technically correct and complied with CRSNF and RDC correspondence handling instructions.</li> <li>Represented RDC in meetings with other organizations to resolve technical issues.</li> <li>Assigned additional duty as RDC General Manager when General Manger in vacation.</li> </ul>
Job Title	Weapon Control System Engineer (Guns), U.S. Classified Billet
Duties	<p>[25 Aug 2011 to 12 Jun 2012] AL-RAWAKIB Int. Contracting Est. [25 Aug 2008 to 24 Aug 2011] ZAHRAN Operation &amp; Maintenance [25 May 2001 to 24 Aug 2008] PANNESMA CO. LTD [15 Nov 1999 to 24 May 2001] MANSOUR General Dynamics Limited</p> <ul style="list-style-type: none"> <li>Provided advice and recommendations on gun system operation, maintenance and repair; developed alteration and overhaul plans; reviewed proposed configuration changes and upgrades.</li> <li>Assigned additional duty as Combat Systems Division Supervisor when that billet was vacant. Supervised Combat System Division and provided guidance to subordinates on recommended technical approaches related to Overhaul and Upgrades for Fir Control Systems (MK-92 FCS), Guns (MK-75 GWS, MK-38 Gun, MK-15 CIWS) and MK-39 Gyro Compass and other related Combat Systems onboard RSNF Ships.</li> </ul>
Job Title	Operations Research Analyst, U.S. Classified Billet [27 September 1998 to 14 November 1999]
Duties	<ul style="list-style-type: none"> <li>Performed analysis in the evaluation of data, provided projections and determined probabilities, and presented explanations and conclusions in reports, papers, and briefs.</li> <li>Solved problems and presented the findings in areas of systematic operations, business alternative analysis, and management research.</li> <li>Conducted a study on increasing LM-2500 Marine Gas Turbine operating hours to reduce parts consumption and extend the times between overhauls for MTU Model 12V652TB81 Main Propulsion Diesel Engines.</li> </ul> <p>Accomplishments while working at RDC:</p> <ul style="list-style-type: none"> <li>Managed Engineering Department divisions that have qualified personnel in the fields of mechanical engineering, electrical engineering, combat systems engineering, hull technology and drafting.</li> <li>Initiated and assisted in designing and manufacturing a single electronic circuit card to replace an obsolete radar distribution module used aboard RSNF ships.</li> <li>Studied and initiated a Bridge Master Radar and SIMRAD GPS Navigation System improvement for YTB and LCU Class Ships.</li> <li>Installed Trimble NT 200 GPS aboard Various Class Ships.</li> <li>Loaded new software version for Trimble NT 200 GPS to address Y2K problem.</li> <li>Coordinated various Combat System Overhaul Programs including MK-75 76mm Gun, MK-92 Fire Control System, MK-15 Close In Weapon System, MK 38 25mm Gun, and AN/WSN-2 Gyrocompass.</li> <li>Coordinated the Installation of AN/SPS-40E Radar Upgrade aboard RSNF Ships and at the Training School.</li> <li>Recommended installation of various radar, GPS, and radio systems on RSNF ships of different classes.</li> <li>Developed various Engineering Ship Alteration Packages to install systems aboard RSNF Ships of different classes.</li> <li>Created (Excel) program for all the combat systems and sub systems onboard Royal Saudi Navy Ships, which provide system configurations, descriptions and operation.</li> </ul>

	<ul style="list-style-type: none"> <li>1990 participated in creating powerful program to track Research and Development Center (RDC) incoming and outgoing correspondences and monitor productivities of RDC individual engineers and employees.</li> </ul>
Job Title	Royal Saudi Naval Forces, Combat Systems and Advance Training Center, JUBAIL [01 Aug 1985 to 04 Jan 1998]
Duties	Functional Test Engineer <ul style="list-style-type: none"> <li>Managed the repair, and manufacture of various types of electronic circuit boards for various naval systems; developed schematics, component layout and testing procedures.</li> </ul>
Job Title	Electronics Engineer
Duties	<ul style="list-style-type: none"> <li>Worked in Data Extracting and Drawing Division and In-Circuit Test Division</li> <li>Participated in establishing Data Extracting and Drawing Divisions</li> <li>Computerized data libraries; used AutoCAD 12 for drawing circuit boards, schematic and signal flow diagrams; used test equipment in configuring the connection (Tracks and Cluster) of the components in the circuit boards.</li> </ul>
Job Title	In-Circuit Test Division: Operated and worked on the following:
Duties	<ul style="list-style-type: none"> <li>Computer Aided Design System (CADS)</li> <li>Multi-User Station</li> <li>800X – Automatic Test Equipment</li> </ul>
Job Title	Automatic Functional Test Division:
Duties	<ul style="list-style-type: none"> <li>Participated in the modification and rewiring of 800X to be connected and used for wider range of circuit board functional tests by using a personal computer as a controller connected to the 800X and to highly advanced test equipment which formed a very advanced functional test;</li> <li>Used Quick Basic 4.5 to write test programs to control advanced test equipment through HPIB interface card.</li> <li>Manufacturing Circuit Board Division: Operated Keprom Manufacturing Systems</li> </ul>
Job Title	Facilities Operation Maintenance Division Head [11 July 1984 to 30 July 1985]
Duties	<ul style="list-style-type: none"> <li>Established a new Electronic Division to repair various types of naval base appliances.</li> <li>Managed various Division Supervisors including Mechanical, Electrical, Heavy Equipment, Carpentry, Air Conditioning, Painting, and Planning.</li> <li>Advised the Director of Facilities Operation Maintenance on status of work and problems which were affecting performance of maintenance.</li> <li>Developed a corrective plan of action to solve the problems, which increased labor productivity and lowered the cost of materials.</li> <li>Provided technical assistance to supervisors.</li> </ul>
Education	Savannah State College, Savannah Georgia, USA, [August 1983] Bachelor of Science in Electronic Engineering Technology and Mathematics Selected for the Dean's List twice Graduated 3rd of 65 students with a GPA of 3.2 out of 4.0
Training Courses	International Officer Program, Naval Education and Training Center, Newport, Rhode Island (Aug 1983 To December 1983) Follow on Training was completed at Naval Base Jubail, Saudi Arabia, Combat System Center: <ul style="list-style-type: none"> <li>Extracting and Drawing Training Course (02 Jan 1990 to 30 Jun 1990)</li> <li>In-Circuit Test Training Course (02 Dec 1991 to 30 Nov 1992)</li> <li>Marconi 800x Automatic Functional Test Course (01 Jan 1993 to 31 Dec 1993)</li> </ul>
References	Commodore / Engineer Mohammad Al Asmari, Contact number: 055-590-2482 Jim Babbitt, RDC General Manager, Contact number: 050-003-1865
Date of Birth	23 February 1955
Marital Status	Married