

ROBERT SMITH

Machine Design Engineer

Phone: (0123)-456-789 | Email: info@qwikresume.com | Website: Qwikresume.com

SUMMARY

Seeking a Machine Design Engineer, responsible for Working closely with researchers, engineers, technicians from multidisciplinary teams as well as internal and external shops to design, integrate, test, and deliver custom test equipment, manufacturing process equipment, and machines.

CORE COMPETENCIES

Microsoft Office, Sap, Blueprint Reading, Lean Manufacturing, Management, Project Management.

PROFESSIONAL EXPERIENCE

Machine Design Engineer

ABC Corporation - June 1984 – November 1984

Key Deliverables:

- Responsible for designing RAMP and custom modules.
- Build assembly lines from to assemble AMP connectors.
- Designed high-speed insertion assembly equipment, mass loaders, vision systems, tube loaders, benders, rotators plus many other machines and mechanisms.
- Employed as a Machine Design Engineer in Development Engineering in the Auto machine System Group (ASG).
- Responsible for conceiving working designs based on customer requirements.
- Responsible for designing, checking, supervising assembly, testing, qualifying, and releasing any of finished designs to Product Engineering for mass production.
- Designed included stitcher heads, rotators, indexer units, benders, and hand tools to fully automated systems.

Machine Design Engineer

Delta Corporation - 1979 – 1984

Key Deliverables:

- D CADAM CAD Mechanical Engineer Tube, pipe, and steel mill products.
- Assigned to various ride, park, and support machine systems.
- Work included detailed design and fabrication oversight for small, medium, and large mechanical assemblies for use in ride systems, stage mechanisms, .
- Design of machinery from ground up, calculations for motors, sprockets, and pneumatic selections, determining fill time, air consumption rates.
- Designed and implemented semi-automatic finishing machines for rubber/metal parts for the automotive industry.
- Designed and implemented prototype 10-ton injection molding machine Implemented manufacturing changes to reduce production costs, lead-time.
- Design Engineer for customized electric drives.

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EDUCATION

- High School Diploma