



**Profile:** MERN Developer

**Qualification:** B.Tech, BCA, MCA

**Skills Required:** MongoDB, React.Js, Node.js, MySQL, RestAPI, HTML, CSS, Bootstrap

**Job description:**

- Design and develop Microservices systems with Node.js
- Developing Back end & front end website architecture.
- Designing user interactions on web pages.
- Creating servers and databases for functionality.
- Ensuring cross-platform optimization for mobile phones.
- Ensuring responsiveness of applications.
- Working alongside graphic designers for web design features.
- Seeing through a project from conception to finished product.
- Designing and developing APIs.
- Meeting both technical and consumer needs.
- Staying abreast of developments in web applications

**Required Candidate profile:**

- Strong organizational and project management skills.
- Extensive knowledge of SQL & NOSQL
- Familiarity with JavaScript frameworks such as Reactjs
- Proficiency with server side languages like Nodejs, Expressjs.
- Familiarity with database technology such as MySQL, and MongoDB.
- Proficiency with fundamental front end languages such as HTML, CSS and JavaScript.
- Excellent verbal communication skills.
- Good problem solving skills.
- Attention to detail.

Interested candidates can mail their resume at [hr@tsaw.tech](mailto:hr@tsaw.tech).



**Profile:** ML Engineer

**Qualification:** B.Tech, BCA, MCA

**Skills Required:** Python, Tensorflow, Computer vision, Scikit learn, PyTorch

**Job description:**

- Maintain and optimize the machine learning/deep learning models developed by the Data Scientist and ensure seamless deployment in different environments (Dev/QA/Prod) while enabling model tracking, model experimentation and model automation
- Collaborate with the data engineers and data scientists on model development in order to containerize and build out the deployment pipelines for new models
- Design, prototype, build and maintain APIs for consumption of machine learning models at scale.
- Facilitate the development and deployment of proof-of-concept machine learning systems
- Apply software engineering rigor and best practices to machine learning, including CI/CD to automate applications and infrastructure deployment
- Identify and evaluate new technologies to improve performance, maintainability, and reliability of our machine learning systems
- Define and document best practices and strategies regarding application deployment and infrastructure maintenance

**Required Candidate profile:**

- Strong organizational and project management skills.
- Extensive knowledge of SQL & NOSQL
- Hands-on experience with Deep Learning frameworks like Keras, TensorFlow, ONNX, PyTorch, etc
- Proficiency with Python.
- Familiarity with database technology such as MySQL, and MongoDB.
- Experience in working on computer vision
- Excellent verbal communication skills.
- Good problem solving skills.
- Attention to detail.

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**Profile:** Noise and Vibration Engineer

**Qualification:** B.Tech., BE, or Master's degree in Mechanical/Aerospace or any relevant field

**Skills Required:** Ansys, ABAQUS, COMSOL, Solidworks, CATIA V5, etc.

**Job description:**

- Verification of engineered design and construction of noise equipment, prediction of noise, and troubleshooting existing noise issues and concerns in the project.
- Provide technical consulting support to evaluate product's vibrations to determine integrity/fatigue life and provide recommendations to mitigate to acceptable reliability.
- Assist in the development and maintenance of company design guides, specifications, and standards in noise and vibrations.
- Excellent knowledge of Linear or Non linear and debugging the convergence issues.
- Thorough knowledge of Finite Element Analysis, Strength of Materials, Machine Design, Theory of Vibration, Vibration Fatigue, and Hands on experience on CAE software programs such as ANSYS-Workbench, Abaqus, n-Code.
- Basic Knowledge of Python, and MATLAB(Simulink).

**Required Candidate profile:**

- Strong organizational and project management skills.
- Extensive knowledge of CAE platforms.
- Excellent knowledge of Finite element analysis(FEA).
- Application of risk based assessments, root cause analysis, and development of equipment strategies.
- Preferred Knowledge/Skills/Abilities.
- Excellent analytical, interpersonal, and verbal/written communication skills.
- Perform with a positive attitude and the highest ethics.
- Attention to detail.

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**Profile:** Design and Analysis Engineer

**Qualification:** B.Tech., BE in Mechanical/Aerospace or any relevant field

**Skills Required:** Solidworks, CATIA V5, Ansys, ABAQUS, Altair etc.

**Job description:**

- Experience in the design of various aircraft structural components or UAVs.
- Aerostructure design knowledge (Wings, Fuselage, payload), Aerospace standards, Primary and secondary structures, Material selection and properties, Good understanding of Fasteners- selections & applications, Manufacturing methods, coatings & finishes, drawing interpretation, drawing creation & review and GD & T.
- Prepare design calculations, drawings, specifications, design analysis, and cost management estimates.
- Responsible for performing structural analysis of aircraft components, assemblies, and systems while working as an integrated team
- Structural analysis includes calculation of loads, Static analysis, Fatigue analysis, Damage-Tolerance analysis, and Vibration analysis
- Evaluate structural integrity of aircraft components by way of classical hand calculations and finite element methods.
- Generate documentation to report analysis and, test results to support certification/qualification
- Tool knowledge: Good competency in **Solidworks**(Preferable), Catia V5 (Part design, assembly, Drawing creation, etc.). Also for analysis, good competency in **ANSYS**(Preferable), ABAQUS.

**Required Candidate profile:**

- Strong organizational and project management skills.
- Bachelor's degree in Aerospace/Mechanical Engineering or equivalent discipline.
- Excellent knowledge of Finite Element Analysis, Strength of Materials, Machine Design, GD&T, Theory of Vibration, and Vibration Fatigue.
- Preferred Knowledge/Skills/Abilities
- Excellent analytical, interpersonal, and verbal/written communication skills.
- Perform with a positive attitude and the highest ethics.
- Attention to detail.

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**Profile:** Manufacturing Engineer

**Qualification:** B.Tech., BE in Mechanical/Aerospace/Manufacturing or any relevant field

**Skills Required:** Solidworks, CATIA V5, Ansys, ABAQUS, etc.

**Job description:**

- Experience in the design of various aircraft structural components or UAVs.
- Aerostructure knowledge (Wings, Fuselage, payload), Aerospace Material standards and properties, Manufacturing methods, coatings & finishes.
- Manufacturing Engineer will be responsible for Developing and improving manufacturing processes by studying product and its manufacturing methods, as well as supporting problem solving and process improvements which includes all existing products and process.
- Work to implement Process improvements to improve part quality , reduce cycle time and cost.
- Create Part Manufacturing Data sheets, manufacturing Process Planning documentation.
- Provide support to production floor with drawing and technical specifications interpretations to ensure business delivers its commitments.
- Expert in Manufacturing Process Planning, Creation of BOMs, Creation of Technical/Manufacturing instructions.
- Demonstrated experience on Process equipment set up, installation, commissioning , tooling design and manufacturing aspects .
- Basic Knowledge of Industry 4.0 is preferable.

**Required Candidate profile:**

- Strong organizational and project management skills.
- Bachelor's degree in Aerospace/Mechanical Engineering or equivalent discipline.
- Excellent knowledge of Strength of Materials, Manufacturing processes and Six sigma.
- Preferred Knowledge/Skills/Abilities.
- Excellent analytical, interpersonal, and verbal/written communication skills.
- Perform with a positive attitude and the highest ethics.
- Attention to detail

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**Profile:** Drone Technician

**Qualification:** Diploma in Electrical/Electronics/Mechanical engineering or any relevant field

**Skills Required:** Soldering, Desoldering, Fundamental knowledge on Electronic Devices and Circuits, Op-Amps Concepts etc.

**Job description:**

- Designing, maintaining, implementing, or improving electrical instruments, facilities, components, equipment products, or systems for UAVs..
- Troubleshooting and debugging any components of a product in the office or in the field.
- Minor drone equipment and maintenance repairs
- Check drones before a flight to ensure safe and proper operation
- Perform equipment testing , troubleshooting , and maintenance.
- Establishing construction, manufacturing, or installation standards or specifications by performing a wide range of detailed calculations.
- Procure materials, fabricate, install, repair, inspect, service maintain and replace components
- Work independently and perform quality work safely, efficiently and in accordance with applicable codes.
- Ensuring compliance with specifications, codes, or customer requirements by directing or coordinating installation, manufacturing, construction, maintenance, documentation, support, or testing activities.

**Required Candidate profile:**

- Good analytical, interpersonal, and verbal/written communication skills.
- Perform with a positive attitude and the highest ethics.
- Attention to detail.

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**Profile:** Legal Trainee

**Qualification:** Three years of Bachelor or Two years of Master Degree in Law

**Skills Required:** Drafting, Negotiation Skills, Vetting, knowledge about corporate laws

**Job description:**

- Assist in research, drafting and review of commercial contracts including RFP's, Master Service Agreements, Non-Disclosure Agreements, Statements of Work and other legal documents.
- Assist in maintaining an up to date contracts tracker and repository
- Work independently with minimal supervision and take responsibility for effective completion of the work assigned while maintaining high quality standards for the deliverable
- Assist in researching and summarizing the applicable regulatory provisions that may impact the business of the company
- Support the consultants for various ROC filing
- Give coordination and support to internal stakeholders for the collection and collation of information, data, and reports
- Handle correspondence and coordination with external stakeholders like lawyers, bankers, and other consultants

**Required Candidate profile:**

- Good analytical, interpersonal, and verbal/written communication skills.
- Perform with a positive attitude and the highest ethics.
- Attention to detail

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