At Boeing, we are all innovators on a mission to connect, protect, explore and inspire. From the seabed to outer space, you’ll learn and grow, contributing to work that shapes the world. Find your future with us.

The Boeing Company is currently looking for hiring Graduates for:

**Associate Mechanical/ Structural Systems Design and Analysis**, **Associate Equipment& Tool Engineer,** **Associate Manufacturing Engineer, Associate Digital Electronics Design Engineer,**  **Associate Data Scientist, Associate Software Engineer &** **Associate Electrical Design and Analysis Engineer** to join their team in **Bengaluru, India.**

A successful candidate will understand the importance of collaboration as these positions will focus on working directly with the **Manager** to meet their organizational goals.

**Position Responsibilities:**

**Associate Software Engineer:**

* + Development of diverse engineering solutions for integrated avionics software. Development, integration, and testing of software system on embedded hardware. Development of engineering documentation and configuration management of system software infrastructure.
  + The engineer should have excellent communication skills to work across Boeing Global Engineering teams
  + The Engineer should have desire to work in all aspects of the product life cycle development process
  + The ideal candidate is a self-starter and someone who works well within a team
  + Proficiency in building, integrating with, and supporting Application Program Interfaces (APIs) using a variety of languages, data formats, and data transformations
  + Development of diverse engineering solutions for integrated avionics software. Development, integration, and testing of software system on embedded hardware. Development of engineering documentation and configuration management of system software infrastructure.
  + The engineer should have excellent communication skills to work across Boeing Global Engineering teams
  + The Engineer should have desire to work in all aspects of the product life cycle development process
  + The ideal candidate is a self-starter and someone who works well within a team
  + Proficiency in building, integrating with, and supporting Application Program Interfaces (APIs) using a variety of languages, data formats, and data transformations
  + Develop, test, debug, and document application software
  + Developing and implementing software solutions to meet real-time test requirements.
  + Writing and executing test procedures.
  + Develop training materials for Enterprise-wide sharing.
  + Develop software verification plans, test procedures, and test environments.
  + You will work under general direction as part of an agile development team.
  + Bachelor of engineering degree.
  + Excellent programming skills Python, Java Full stack, R-language
  + As a developer you would be involved in analyzing complex sales history data and come up with algorithms that help build intelligent systems for sales recommendations.
  + Analytical Skills - Skill and ability to: collect, organize, synthesize, and analyze data; summarize findings; develop conclusions and recommendations from appropriate data sources.
  + Be a good team player in the agile team. Candidate should possess excellent communications skills and enjoy a self-driven and collaborative development approach.
  + Be dynamic and support management and lead to ensure successful product deliveries.
  + Full Stack experience in C#, .NET framework with strong software development, optimization and problem-solving skills
  + Design and development of standalone software applications as well as web-based applications
  + Proficiency in JavaScript, R, MVC, Angular, HTML, CSS
  + Knowledge of data visualization frameworks such as D3, high charts
  + Experience on integration of visualizations from tools like Tableau into software applications
  + Experience on deploying applications in cloud environment
  + Strong written and oral interpersonal skills for creating and improving technical documents, and to effectively engage globally distributed engineering team.
  + Excellent working knowledge of the entire software development lifecycle

**Associate Electrical Design and Analysis Engineer:**

* + Executing projects independently without supervision
  + Collaborating & communicating with cross functional teams and all stakeholders
  + Providing guidance and mentoring team during project execution
  + Able to work independently with minimum supervision, positive attitude and highest ethics.
  + Proactively seek information and direction to successfully complete the statement of work.
  + Must be able to work collaboratively with cross-functional team. Must be willing to work flexible hours (early or late as needed) to interface with Boeing personnel around the world.
  + Demonstrate strong written, oral and interpersonal communication skills.
  + Be fluent in written and spoken English, and have high degree of proficiency with MS Office tools.
  + This position will require some travel within India and internationally
  + Must be interested in Electrical wiring design & development lifecycle.
  + Should have strong knowledge on Control Systems, Electrical circuits Theory, Electrical Power systems, Electromagnetism and Electronics Analog/Digital Circuits.
  + Should be aware of Electrical Wiring and harness logics and standards, RF principles. EMI/EMC methods for electrical designs
  + Strong knowledge in Electrical Load and Power Source Capacity Analysis (AC analysis, DC Analysis & Battery Analysis)

**Associate Digital Electronics Design Engineer:**

* + Design and development of state-of-the art electronics for commercial aviation systems.
  + Duties will include circuit design, requirements and interface definition, modeling and analysis, testing, performance and design verification
  + Technical support for production and test of electronic products.
  + Support projects involving digital and analog circuit design.
  + Responsible for digital design, worst case circuit analysis, and communications systems
  + Ability to simplify circuits and explain the underlying concepts clearly

**Associate Data Scientist**

* Development of innovative, nonstandard approaches for knowledge discovery and parametric trending of structured and unstructured data and analysis to provide actionable information that improves aircraft and fleet efficiency and performance and helps increase productivity of Boeing engineers.
* Leverage AI-driven image processing & deep learning techniques to recognize classify & catalog vast amount of image & video data for multiple airplane, airspace & airport applications.
* Applying approaches such as novel statistical and probabilistic methods, machine learning multivariate analysis, predictive analytics and deep learning techniques to diverse areas such as airplane health management, manufacturing, automation, supply chain and more in order to add value to Boeing products.
* Developing data visualization technique and implement data dashboards to enable interpretable representation of raw data as well as results of analysis. Programming in languages such Python and R as well as developing applications using tools such as Tableau, Power BI.
* Working closely & collaboratively with an international team comprising software development and research engineers. Develop and maintaining relationships / partnerships with customers, stakeholders, peers, and partners to develop collaborative plans and execute on projects.
* Help in the adoption of new tools and technology, perform Proof-of-concepts and help engagements implement & take it over.
* Documenting results of research and development projects, and provide inputs for periodic updates to in the form of progress reports, project summaries, and other related documents. Tracking and evaluating performance to ensure product and process conformance to project plans and project requirements.

**Associate Manufacturing Engineer:**

* Author and modify Installation plans (aircraft assemblies)
* Standardizing existing manufacturing work instructions.
* Participates in the implementation of manufacturing plans. Assist in technical problem solving.
* Review existing assembly process and drive process improvements
* Exercises critical thinking and innovative problem solving
* Supports the development and implementation of production and tooling methodologies.
* Supports the development, identification and implementation of conceptual designs and maintenance of the program architecture for build.
* Participates in the implementation of Lean principles and technologies.
* Interfaces with Integrated Product teams and internal customers to develop products, skills, knowledge and experience.

**Associate Equipment& Tool Engineer**

* Perform Tool Design and Creation of Manufacturing Drawings.
* Perform Design Modifications to existing tools.
* Develops and maintains technical relationships / partnerships with customers, suppliers, peers, partners and team members to develop collaborative plans and execute on projects.
* Must be flexible, with a high tolerance for organizational complexity and ability to work with partners from within Boeing and outside, across different cultures and time-zones.
* Must have strong written and verbal communication skills.
* Exercises critical thinking and innovative problem solving
* Supports the development and implementation of production and tooling methodologies.
* Supports the development, identification and implementation of conceptual designs and maintenance of the program architecture for build.
* Interfaces with Integrated Product teams and internal customers to develop products, skills, knowledge and experience.

**Associate Mechanical/ Structural Systems Design and Analysis:**

* The Boeing Center in India is looking for entry level Mechanical Design and Analysis Engineer to support a variety of aerospace programs. This Engineering position will use Computer Aided Design (CAD) tools to define or revise mechanical/ structural engineering product definitions. The engineer will verify accuracy of non-technical data, produce design changes to resolve discrepancies in design packages.
* This position will be responsible to support mechanical design and analysis of wide range of
* Mechanical structures and products. The selected candidate shall work with structural analyst to develop the mechanical designs that will work in defined structural environment, characteristics and performance.
* This position will be responsible for coordinating and communicating regularly with team members in Boeing organizations and shall provide periodic update on project progress, quality metrics, project summaries, and other related documents.
* In this role, the Mechanical designer will work independently with minimum supervision to come up with conceptual and detailed designs based on the requirements.
* This position will participate and support initiatives of Boeing India organization related to engineering excellence, employee development, customer engagement etc.

**Basic Qualifications (Required Skills/Experience):**

* + Bachelor’s degree / Master’s Degree
  + Specialization in Computer Science / Information Technology / Information Science / Electronics & Communication Engineering Software Engineer Role.
  + Specialization in Electrical / Electronics / Electronics & Communication Engineering / Electronics & Instrumentation Engineering for Electrical Design and Analysis Engineer Intern
  + Self-starter who is not afraid to proactively seek information and direction to successfully complete the statement of work.
  + Strong written, oral, presentation and interpersonal communication skills. Be fluent in written and spoken English, and familiar with MS Office tools
  + Knowledge of basic Manufacturing & Assembly operations.
  + Basic Modelling skills - CATIA/NX/Autocad

**Preferred Qualifications (Desired Skills/Experience):**

* + Bachelor's degree / Master’s Degree in Engineering

**Typical Education & Experience:**

* + Bachelor's degree / Master’s Degree in Engineering

**Relocation:**

This position does offer relocation within INDIA.