Gautam Mendon
Aerospace Engineer

A hardworking individual seeking a challenging and rewarding opportunity with an organization of repute which recognizes and utilizes my true potential while nurturing my analytical and technical skills.

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Mumbai, India 📍

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EDUCATION

MSC in Aerospace Engineering
University of Hertfordshire

09/2019 - 10/2020   *Hatfield/ United Kingdom*

Courses
- Aeroelasticity
- Flight Mechanics

Bachelors in Aeronautical Engineering
Kharkiv Aviation Insitute

11/2012 - 06/2018   *Kharkiv/ Ukraine*

Courses
- Strength of Materials
- Thermodynamics
- Aircraft Engines and Powerplants

WORK EXPERIENCE

Associate Software Engineer
Prestanda Pvt Ltd

11/2023 - 01/2024   *Noida, Uttar Pradesh*

Achievements/Tasks
- Create/Modify the frontend of applications using Material UI
- Use React Redux to share data between react components
- Typescript course

Structural Design Engineer Intern
Bangalore Aircraft Industries Pvt Ltd

10/2021 - 06/2022   *Bangalore, India*

Achievements/Tasks
- Strength of Material (SOM), Finite Element Analysis (FEA) and real testing on different structures to find the stress and strain
- Comparing theoretical results with analytical results
- Introduction to Nastran-Patran

Project Lead
Kabale Energy Ltd

04/2021 - 10/2021   *Kampala, Uganda*

Achievements/Tasks
- Understanding the project, prepare and collect the documents required to attain the licenses for the project.
- Applied for ERA (Electricity Regulatory Authority) permit to commence the Feasibility study, Environmental study, Resettlement Action Plan etc.
- Applied for the Prospecting license for Nilefos Minerals Ltd (Group Company) for Phosphate project in Uganda.

SKILLS

Aero-elasticity   Flight Mechanics   Divergence
Flutter   Aerodynamics   FEA   CFD
Structural Analysis   ANSYS   SolidWorks
Javascript   NodeJS   HTML & CSS   MATLAB
Aircraft Engines & Powerplants   ReactJS
MongoDB   Bootstrap

PERSONAL PROJECTS

Improvising positional accuracy of NADP harmonization coordinates in LCA Tejas Aircraft (06/2019 - 07/2019)
- Six sigma methodology

Ecommerce App (11/2022 - 12/2022)
- React and React Routing
- React Hooks
- NodeJs
- MongoDB

CERTIFICATES

Hindustan Aeronautics Limited Management Academy (05/2019 - 07/2019)
Completed Certification Programme in Aerospace Management in collaboration with Indian Institute of Management, Lucknow. (IIM).

LANGUAGES

English
Full Professional Proficiency

Hindi
Full Professional Proficiency

Kannada
Full Professional Proficiency

INTERESTS

UI/UX   Tennis   Drawing   Aircrafts