**JAGADEESH RAMESH**

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Flat No –A2, No-14/19, Kumaraswamy Nagar, 3rd Cross Street,

Madambakkam, Chennai- 600126

+91 9500137068

**OBJECTIVE:**

 Undergone an Industrial Training with Helicopter Division, Hindustan Aeronautics Limited, Bangalore, Where I gained Experience and enhanced myself to showcase my ability to work in the Aviation Industry and I am committed to developing my career path as a Design Engineer.

**QUALIFICATION:**

* B. E Aeronautical Engineering in the year 2019 from KCG College of Technology with CGPA 7.
* HSC in the year 2015 from Zion Matriculation Higher Secondary School with 83.33 percentage
* SSLC in the year 2013 from Zion Matriculation Higher Secondary School with 95.2 percentage

**EXPERIENCE:**

* I started my own startup named **“ECROPS TECHNOLOGY LLP”**. I started my work here from January 27 2017. I am working currently here.
* Worked as an editorfor the magazine **“Kavinam of Tayaran.”**

**TRAINING:**

* Have done an **Industrial Training** for **15 days** in **Helicopter Division, Hindustan Aeronautics Limited.**
* **2-DAY PROJECT-BASED TRAINING PROGRAM ON DELTA WING.**
* **Two days Training program on “Internal Quality Assurance Cell.”**

**AREA OF EXPERTISE:**

* AUTOCAD
* CATIA
* CREO
* ANSYS
* GAMBIT
* FLUENT
* MICROSOFT WORD
* MICROSOFT POWERPOINT
* QUALITY COUNCIL

**ADDITIONAL SKILLS:**

* MANAGEMENT
* PROJECT MANAGEMENT
* PROJECT PLANNING
* DOCUMENTATION
* TEAM MANAGEMENT
* MOTIVATIONAL SPEAKING
* MENTORING
* TRAINING

**AREA OF INTEREST:**

* Research and Development
* Designing and Analyzing of Aircraft parts
* Structural Design & Analysis

**PROJECT WORK:**

* Design and analysis of Flapping wing unmanned aerial vehicle using Moving mesh
* Design and analysis of Foldable Arm Quad Copter using CATIA V5 and Ansys Workbench
* Design and analysis of Retractable Arm Quad Copter using CATIA V5 and Ansys Workbench
* Design and analysis of Flapping Wing UAV using CATIA V5 and Ansys Workbench
* Design and analysis of landing Gear using CATIA V5 and Ansys Workbench
* Miniature of Hydraulic Landing Gear.
* Has done a project under **IQAC** on the topic **“Clearance of Excess Backlogs”** and achieved solutions.
* Has done a project under **IQAC** on the topic **“Improve Placement in Institution”** and achieved solutions.

**COURSES DONE:**

* Has done **Industrial Training** in **Hindustan Aeronautics Limited, Helicopter Division.**
* **Master Diploma** in **Product Design and Analysis**.

**PUBLICATIONS:**

* Has published a Journal paper on **“Design And Analysis of Flapping Wing Unmanned Aerial Vehicle”**
* Has published a Journal paper on **“Computational Analysis on Gas Flame Acceleration and Detonation Using Propane-Air Mixture.”**
* Has published a Annual Magazine named “**Kavinam of Tayaran”** for the year 2017.

**WORKSHOP:**

* Participated in “Delta Wing aircraft workshop” conducted by **AEROTRIX** held in **KURUKSHETRA 2017** at **COLLEGE OF ENGINEERING**, Guindy, Anna University.
* Participated in National Seminar on Emerging Trends in Advance Composite Materials conducted by Aeronautical society of India.
* Participated in National Workshop on Recent Trends in UAVs and MAVs conducted by Aeronautical Society of India.

**ACHIEVEMENTS:**

* Been awarded the **“Best Paper Award”** in the conference **CONFCALL’18.**
* Been awarded as “**Best Student Coordinator of the year 2018”.**
* Presented a paper titled “**Drones For Detecting Explosive Landmines”** in **International Conference On Scientific Research And Innovations-1.0**
* Secured 1st place for **Paper Presentation** in **GKM** on the topic ”**Antimatter Rocket”**
* Secured 1st prize in **“Cad modeling”** conducted by department of Aeronautical Engineering held at PB College of Engineering.
* Secured 2nd prize in **“Cad modeling”** conducted by department of Aeronautical Engineering in AVION’18 held at REC.
* Secured 1st prize in **“Air Crash Investigation”** conducted by department of Aeronautical Engineering in FLYEREZ 2k16 held at GKM College.
* Secured 1st prize in **“Air Crash Investigation”** conducted by department of Aeronautical Engineering in AVION’18 held at Rajalakshmi Engineering College.

**PERSONAL INFORMATION:**

* Date of Birth **:** 27.01.1998
* Gender **:** Male
* Father name **:** D. Ramesh
* Mother tongue **:** Tamil
* Nationality **:** Indian
* Marital Status **:** Single
* Languages **:** Tamil & English(Read, Write & Speak)
* Permanent address **:** Flat no –A2,

No-14/19,

Kumaraswamy Nagar,

3rd Cross Street,

Chennai- 600126

**DECLARATION:**

 I do hereby declare that the particulars of information and facts stated above are true, correct and complete to the best of my knowledge and belief.

**PLACE**: Chennai

**(JAGADEESH RAMESH)**