CURRICULUM VITAE

PERSONAL INFORMATION

Girish Tunk

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Sex Male | Date of birth 01/07/1990 | Nationality Indian

INTERESTED IN **CAD Designing/GIS/Web Development**

Aerospace engineer with interests in 3D CAD designing, Geo-informatics system and web development, who is looking for an internship/fulltime position. A good team player with proven excellence to work under constrained timelines, manage expectations in delivering measurable results, and collaborate with all levels of personnel.

SOFTWARE SKILLS

LEVEL	Advance Beginner	Intermediate
Programming Languages	Python, JavaScript ES6 (REACT), SQL, GIT,	HTML, CSS
Software(s)	QGIS, Geoserver, PostgreSQL, PostGIS, Openlayers, Photoshop	MS Office
Python Geo Libraries	GDAL, Rasterio, GeoPandas, Shapely, Fiona	-
Python Data Analysis Libraries	Pandas, Numpy	-
Python Visualization Libraries	Matplotlib, Seaborn, Bokeh, Folium	-
CAD	-	Catia V5, SolidWorks
CAE	-	HyperWorks, Ansys

PERSONAL PROJECTS

02/2019 **Robots Friends - React Web App -** _Demo_

JavaScript (React), HTML, CSS

- First react web app.
- Used React Component Lifecycle – constructor, render, compnentDidMount.
- Fetching JSON data with Promise.

01/2019 **Position Locating Tool -** _Codepen_

Vanilla JavaScript, HTML, CSS

- A tool which helps to helps the user to find desired location/position in an image.
- Used HTML5 File API for images uploading and rendering of image.
- Useful for machine learning.

WORK EXPERIENCE

04/2017 – 10/2018 **Transportation Specialist**

Amazon.com, Hyderabad (India)

- Corresponded with stakeholder on daily basis.
- Amplified processes efficiency using availed data.
- Negotiated with customers for best outcome.

| 10/2016 – 02/2017 | **Admin & Consultant** |
| | GOurmeda.com, Vienna (Austria) |

- Administered portal of the website and daily ops.
- Spearheaded website development by collaborating with developers.
- Devised marketing content and contributed to digital marketing.

EDUCATION AND TRAINING

| 11/2018 - Ongoing | **A2 OeAD German Course** |
| | Vorstudienlehrgang der Grazer Universitäten und Hochschulen (VGUH)/ TU Graz, Graz |

- A2 Motive Deutsch als Fremdsparche- Hueber

| 09/2013 – 11/2016 | **MSc Aerospace Engineering** |
| | Fachhochschule Wiener Neustadt, Wiener Neustadt (Austria) |

- Finite element computation
- Aerospace project management
- Computer Aided Design (Catia V5)
- Aircraft design and flight mechanics
- Aerospace materials and processes
- Quality management

MSc Thesis: *Technology and application study of different weight saving methods for commercial aircraft's windows. – **RUAG, Switzerland***

During my project, I was well exposed to project *planning, execution, EASA Part 21 (regulations)*, and usage **Catia V5 (CAD)** and **Hypermesh 13 (CAE)**

| 08/2008 – 07/2012 | **Bachelors of Technology Aeronautical Engineering.** |
| | MLR Institute of Technology., Hyderabad (India) |

- Introduction to C Language
- Mechanics of solids & fluids
- Aircraft engineering drawing
- Flight vehicle design
- Structural analysis and detailed design

Bachelor's Thesis: *Design and analysis of composites cut-outs shape.*

FEM analysis was carried out on different specimens changing material and cut-out shape using MSC Patron.

PERSONAL SKILLS

Mother tongue	Khatri
Foreign language(s)	
English / Hindi / Telugu	Professional Fluency
German	Advanced Beginner – A2 Level

Communication skills
- Articulated well in successful team projects in multicultural environment during academic career.
- Avid participant at team huddles and discussion at Amazon.

Organisational / managerial skills
- Co-organised team meetings, huddles and office excursion.
- Management of tasks based on priority in customer centric environment.

Job-related skills
- Excelled at work (got acknowledgment by Team).
- Implemented idea which saved 30-45 seconds doing a recurring task.
- Excelled in learning and using specialized in-house ERP tools required for the job.