# ARJAN VELOVIC

## CONTACT

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(347) 935-2092

GitHub

My Portfolio

## EDUCATION

**Full-Stack Bootcamp**
Coding Temple
January 2024

**MS in Mechanical Engineering**
Georgia Institute of Technology
Highest Honors, Summer 2022

**BS in Mechanical Engineering**
The City College of New York
Cum Laude Honors, Fall 2018
Minor in Mathematics

## SKILLS

- Python
- Flask
- C++
- PostgreSQL
- Typescript
- Redux
- NodeJS
- MATLAB
- AutoCAD
- JavaScript
- React
- SQLite
- HTML/CSS
- Django
- Next
- SolidWorks
- CATIA
- 3DX

## CERTIFICATES

Department of Defense Secret
Clearance, 2019 – Present

New York State Intern Engineering
Certificate – Engineering in
Training
2019

## CARRER OBJECTIVES

I'm an aerospace engineer venturing into software. Proficient in Python, JavaScript, React, and Flask, I recently completed Coding Temple's bootcamp. Eager to merge aerospace insights with tech, I'm passionate about innovation and continuous learning. Let's connect and explore possibilities at the intersection of aerospace and software.

## PROFESSIONAL EXPERIENCE

**Design Engineer • November 2020 – Present**
Lockheed Martin Sikorsky

- End-to-end design processes for diverse products and assemblies, including drafting, dimensioning, tolerancing, prototyping and result documentation.
- Generate, review, and approve the technical content of controlled drawings, maintenance manuals, reports and other mechanical design documents.
- Ensuring alignment of new products with program requirements through effective

**Mechanical Engineer Asc • July 2019 – October 2020**
Lockheed Martin Skunkworks

- Designed layout structures for pivotal mechanical system components using 3DX CAD.
- Developed detailed designs of mechanical structures adhering to structural and aerodynamic guidelines.
- Analyzed NASTRAN stress reports to redesign critical components for load requirement compliance.
- Prepared statements of work (SOWs), bills of material (BOMs), supplier document requirement lists (SDRLs), and other essential supplier contract management documentation.

**Engineer Aide • January – August 2018**
Consolidated Edison

**Mechanical Engineer Intern • Summer 2017**
NYC DEP – Croton Water Treatment Plant

## PROJECTS

**Tesla Clone**
This project aims to replicate the functionality and design of the Tesla website using React for the front end and Flask for the back end. The project utilizes TypeScript, Python, and HTML to achieve its functionality.
Live Demo     GitHub

**Bidding Bazzar**
Bidding Bazzar is an auction webpage powered by Flask, leveraging Python's capabilities for robust user interaction. Users can create accounts, list items, place bids, add watchlists and manage their profiles seamlessly. Behind the scenes, Flask handles authentication, session management, and database integration, ensuring a smooth user experience.
Live Demo     GitHub