

MARK KENNEDY

KENNEDYMARK680@GMAIL.COM | [linkedin.com/in/kennedymark680/](https://www.linkedin.com/in/kennedymark680/) | 530.701.1839 | github.com/kennedymark680

SOFTWARE ENGINEER

PROFESSIONAL SUMMARY

I am a software engineer skilled in both the front and back-end of web development. As a former professional helicopter pilot I've learned the skill of solving problems independently and the art of effectively communicating and collaborating with a team. My curiosity led me to software engineering and an industry whose limits are only self imposed.

SKILLS

React, JavaScript, HTML/CSS, Node, Express, PostgreSQL, Redux, Visual Studio Code
Commercial, Instrument Rotorcraft & Private Pilot Airplane with over 3,500 flight hours.

PROJECTS

- [PENNSTAR4](#) A game of my former profession, an EMS helicopter pilot using JavaScript
- [SPACE PILGRIMS](#) A futuristic social PERN site that incorporates AUTH
- [GONNER](#) An original game played with friends using PERN and AUTH

EDUCATION

General Assembly

Feb. 2022

Software Engineering

Remote

- Relevant Coursework: HTML, CSS, Flexbox, CSS Grid Layout, JavaScript, Heroku, Middleware, API, Microsoft Visual Studio Code, GitHub, Git, Object-Oriented Programming (OOP), Functional Programming, Markdown, Unified Modeling Language (UML), ERD, Routers, Redux Thunk, React Hooks, React, MongoDB, Express.js, Node.js, Mongoose, Mongoose ODM, Document Object Model (DOM), React Redux, PostgreSQL, Sequelize, Vue.js, Python, Django, Auth, API Endpoints
- Certification: Software Engineering

University of North Dakota

2008-2012

Bachelors of Science in Aeronautics

Grand Forks, ND

Minor in Atmospheric Sciences

- Coursework: Advanced Aerodynamics, Aircraft Performance Planning, Weight and Balance Computation, Medicolegal Model Predictions, Flight Physiology, Aircraft Systems.
- Certifications: Certified Flight Instructor, Commercial, and Instrument Rotor-craft; Private Pilot Single Engine Land

EXPERIENCE

General Assembly

Feb 2022 - Present

General Assembly

Remote

- Successfully built a working game of 'Tic-Tac-Toe' in my first week learning to code using **HTML, CSS** and **JavaScript**
- Designed and deployed a original game called PennStar4 with keyboard play using **HTML, CSS, JavaScript** and **DOM Manipulation**
- Collaborated with a team of 3 to build a full-stack MERN (MongoDB, Express, React, NodeJS) App in **less than 36 hours**, that allowed users to select and view different Pokemon in a virtual theme park
- Building a full-stack MERN aviation app with **full CRUD capability**, where users can post pictures and comments of aircraft discrepancies during preflight operations
- Building a **React Redux** full-stack travel blog overnight, with a team of 4 that allowed users to view all blogs, create a new blog post, write a comment for each published blog and leave likes on the post
- Building a full-stack PERN (PostgreSQL, Express, React, NodeJs) application in one week with a team of 3, that features user authentication, protected routes and **third party and custom APIs**

Emergency Medical Services Helicopter Pilot

Oct 2021 - Feb 2022

Metro Aviation

Pottstown, PA

- **Led a flight team** of 3 people as the Pilot-in-Command, where my team completed hundreds of Emergency Medical Transports
- Responsible for a **multi-million dollar** aircraft with numerous souls aboard
- Authorized the real time **go/no-go decision** based on weather and aircraft capabilities

Director of Safety

Apr 2016 - Nov 2021

Maverick Helicopters

Las Vegas, NV

- Revitalized the training department by authoring **5 original training documents** targeted to improve situational awareness amongst the pilots
- Coordinated and led a recruitment event by filtering through hundreds of resumes, conducting **over 30 interviews in a single day** and satisfying the hiring needs for an entire year in a single event
- **Instructed** the pilot initial hires in groups of 4, and organized their 3 week training and onboarding process
- Flew **thousands of aerial tours** over varying terrain for clients from around the world

University of North Dakota Aerospace

Oct 2012 - Apr 2016

Certified Flight Instructor

Grand Forks, ND

- Developed 3 original training documents that **reduced training time and costs** for over 75 students
- Trained approximately 20 private and commercial students to meet FAA standards for their certification