
LinkedIn: [linkedin.com/in/adilaasif](https://www.linkedin.com/in/adilaasif)

GitHub: github.com/adilasif

Site: adilasif.com

>LANGUAGES AND TECHNOLOGIES

- **Proficient:** JavaScript (ES6+), Node.js, Express, GraphQL, REST, React.js, Vue.js, Docker, Kubernetes, Git, MongoDB, Babel, Webpack, AWS, GCP, HTML, CSS, SCSS, WebSockets, WCTP, npm, yarn, Netlify, TypeScript
 - **Exposure:** Python, Java, PostgreSQL, MS SQL Server, OpenCV, Nginx, Gatsby, Heroku, Azure / Azure Pipelines
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>PROFESSIONAL EXPERIENCE

commercetools | Senior Backend Engineer | Durham, NC

February 2020 - Present

- Report directly to the CTO, informing technical design of SaaS/PaaS microservices, extending existing services, and building new ones. Primarily working with Node.js, Express, GraphQL, MongoDB, and PostgreSQL.

IHA | Full Stack Developer | Ann Arbor, MI / Remote

January 2019 - February 2020

- Led the development for a greenfield internal medical call center web application including robust analytics, HIPAA-compliant secure messaging, and call and patient status tracking, using Vue.js, Express.js, SSE, MS SQL Server, and CI/CD on Azure Pipelines, serving >500 healthcare providers and >300,000 active patients.
- Mentored team members in modern technologies and modernized engineering processes, spearheading department-wide adoption of version control and git flow, bug tracking and management, Agile methodology, service-oriented architecture, and automated CI/CD, improving average development velocity by ~3x.
- Built HIPAA-compliant medical paging service using Node.js to replace providers' pagers with smartphones, saving the company an estimated ~\$2,000,000 per hospital annually due to communication inefficiencies.

Freelance | Front End Developer | Olympia, WA

July 2017 - January 2019

- Switched careers from aviation by teaching myself to code while recovering from a serious accident using Udemy courses, reading online technical documentation, and looking for any and all opportunities to use new-to-me technologies in various projects for local clients.
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>EDUCATION

Master of Science in Electrical Engineering, University of Colorado, Boulder (part-time student)

Expected 2022

No undergraduate degree. Yes, I am working on my MS with no BS!

Bachelor of Science in Aviation Operations - Incomplete, Jacksonville University

2014 - 2015

>PROJECTS

Gesture-Controlled Autonomous Drone | Engineer

Ongoing

Autonomous, medium-endurance, multirotor drone built to learn about flight control and computer vision by implementing gesture recognition and to support photogrammetry.

- Designed and built adaptable, fully programmable quadcopter with modular payload capability.
- Currently working on programming autonomous flight model using Python, on top of a Raspberry PI.
- Testing own automatic collision-avoidance behavior implementation using OpenCV to process image frames and draw contours.

WoWAnalyzer | Contributor

2018

React application that parses text logs of gameplay data and provides suggestions for improving player performance.

- Implemented new parser modules to handle peak usage of 145,000 unique visitors, and with 14,000,000 requests within a single month.
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>LEADERSHIP + AWARDS + MISC

State Championship Robotics Coach, North Thurston High School

2017

Licensed Airplane Pilot, FAA

2014

Full-Ride Scholarship, Navy Reserve Officers' Training Corps

2014

Aerospace Education Officer, Civil Air Patrol

2013

Search and Rescue Officer, Civil Air Patrol

2013

Coordinator, Lions Club International

2012