

## Gabriel Cobos

Seasoned Software Engineer with military and private sector expertise.  
Skilled in web development, process optimization, and diverse tech stacks.  
Proven track record in leadership, enhancing methodologies, and driving efficiency.

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Portfolio: [gabrielcobos.com](http://gabrielcobos.com)

LinkedIn: [linked.com/in/gabriel-cobos](https://www.linkedin.com/in/gabriel-cobos)

GitHub: [github.com/MeetCobos](https://github.com/MeetCobos)

Location: Torrance, CA

### SKILLS:

#### Languages

- JavaScript / TypeScript
- Java
- Perl
- Python

#### Technologies

- React / Jest / Cypress
- Spring Boot
- Node.js / NestJS / MirageJS
- Eclipse / Electron

#### Soft Skills

- Agile Methodologies
- Leadership
- Test Driven Development

### PROJECTS:

- Developing a multi-platform gaming utility application with Electron for MacOS, Windows, and Linux native platforms, React-Native for mobile platforms, and Gatsby for web application to list and advertise the Electron product
- Created personal web portfolio with Gatsby, exercising web development skills, advertising work experience developing "Trackmeet", and furthering UI/UX skills with an original design built with Figma

### EXPERIENCE:

#### Software Test Engineer—Northrop Grumman

**MAR 2023 – Present**

- Rebuilt Perl system smoke screen test eliminating 95% rate of false negative reporting; improved continuity—reduced line count by 65% with Don't Repeat Yourself (DRY) methodologies, revamped documentation, reorganized file structure, and upgraded capabilities to provide test coverage for both major versions of the application, Eclipse and Electron respectively
- Spearheaded effort to transition software version control methods from obsolete internal tooling to Bitbucket's Cloud Service; reconciled 10yr old conflicts, provided training to managers, technical leads, and the 11 remaining team members—improving collaboration, increased development cycles, and saving countless hours of manually managing software
- Pioneered the 1<sup>st</sup> integration test with an unprecedented near real-world testing environment; coordinated efforts across 4 organizations, achieved 100% pass rate for the newly built Electron application—paved the way for test engineers to follow
- Created a streamlined process for configuring a development environment; time to completion from ~50 hours to ~1 hour
- On-boarded 2 new team members; implemented tailored training regime, organized resources in Confluence, and provided novel approaches to filling knowledge gaps—reduced time for members to be a contributing member of the team by 50%

#### Software Engineer—U.S. Air Force

**JUN 2021 – MAR 2023**

- Launched a job placement application with a team of 4 developers; connecting 280+ military members to opportunities, reducing gap time between jobs, and improving overall job satisfaction
- Built several product features from start-to-end w/ React, Typescript, and unit/end-to-end tests with Jest and Cypress; servicing all pages of the application enabling facets such as an admin user page, list pagination, forms, and more
- Lead training for 7 developers, created on-boarding documentation with tech specific coding challenges for React, Jest, Bootstrap, and Styled-Components; shortened spin up time from 3 to 1 months
- Maintained testing environment with Jest and Cypress, wrote 100+ accessibility conscious tests by utilizing component selectors compliant with screen readers; contributing to the +90% test coverage
- Championed best practices by overhauling application file structure, improving code continuity, and refactored site wide CSS, by consolidating repeat styles, eliminating conditional styling logic from React, and removing inline styles

#### Geolocations Mission Manager—National Security Agency (NSA Military)

**MAR 2018 – JUN 2021**

- Oversaw team of 24 members, increased overall team productive output by 27% by creating incentives for top performers, improved metrics tracking, and adopted a people first approach to leadership
- Supervised 14 airmen, as a Non-Commissioned Officer (NCO) conducted yearly performance evaluations, provided career guidance, and professional feedback
- Subject Matter Expert (SME), trained 13 on-boarding members, coordinated 100s of missions with global partners and resources, utilizing +\$5MM of equipment—provided critical data to front-line operatives

### EDUCATION:

#### High School—Oak Hills High School

**AUG 2012 – JUN 2016**

- President of Robotics club, developed operating program for robot that placed in CA state competition
- President of IT club, organized a student ran computer repair business; provided over \$1,000 in funding and equipment