

MASON DUBELBEIS

Leander, TX | 512-905-1530 | Mason.Dubelbeis@gmail.com
github.com/mdubelbeis | linkedin.com/in/mason-dub | masondubelbeis.com

Full-Stack Software Engineer | TypeScript, React, Node.js, Java/Spring Boot | U.S. Navy Veteran

Full-stack software engineer building secure, database-backed web applications with TypeScript, React, Node.js, Express, Java, Spring Boot, SQL, MongoDB, Docker, and Git. Experienced with REST API development, authentication, authorization, database design, automated testing, documentation, and deployment-ready application architecture. Brings enterprise IT and military leadership experience supporting technical workflows, stakeholder communication, UAT, reporting, process improvement, and mission-critical operations.

SKILLS

Languages: TypeScript, JavaScript, Java, SQL

Frontend: React, React Router, React Query, Axios, HTML, CSS, Tailwind CSS

Backend: Node.js, Express, Spring Boot, Spring Security, REST APIs, JWT, Authentication, Authorization

Databases & ORMs: MongoDB, Mongoose, PostgreSQL, MySQL, Spring Data JPA

Testing: Vitest, JUnit

Tools & Platforms: Docker, Git, GitHub, Swagger/OpenAPI, Postman, Linux, AWS, Vercel, Render, MongoDB Atlas

PROJECTS

ClientHub | Full-Stack CRM Application | Deployed

Live Demo: <https://clienthub-frontend-sigma.vercel.app>

GitHub Backend: github.com/mdubelbeis/clienthub-api

GitHub Frontend: github.com/mdubelbeis/clienthub-frontend

Java, Spring Boot, Spring Security, React, TypeScript, PostgreSQL, Docker, JUnit, Swagger/OpenAPI

- Built a full-stack CRM application supporting authenticated user, client, and activity workflows with a React/TypeScript frontend and Spring Boot/PostgreSQL backend.
- Designed REST APIs with JWT authentication, user-scoped authorization, request validation, DTO-based contracts, centralized exception handling, and Swagger/OpenAPI documentation.
- Built responsive React views with protected routes, reusable components, authenticated API calls, dashboard workflows, and client management features.
- Modeled relational data and layered backend services using controller-service-repository architecture to enforce per-user ownership rules and maintain clean business logic.
- Wrote automated backend tests with JUnit and configured environment-based settings, CORS behavior, Docker support, and deployment-ready documentation.

Bug-Board | Full-Stack Issue Tracking Application | Deployed

Live Demo: <https://bug-board-gilt.vercel.app/>

GitHub: github.com/mdubelbeis/bug-board

React, TypeScript, Node.js, Express, MongoDB, Mongoose, JWT, REST APIs, Render, MongoDB Atlas

- Built and deployed a TypeScript/Express backend API for a project-based issue tracking application using MongoDB Atlas, Mongoose, JWT authentication, and RESTful resource design.
- Implemented protected routes, password hashing, current-user profile routes, password update flow, centralized error handling, and consistent validation/error responses.
- Added resource ownership checks so users can only access their own projects, create bugs under owned projects, and create comments under bugs tied to owned projects.
- Created demo seed data with multiple users, projects, bugs, and comments to test authentication, protected routes, and ownership boundaries.
- Developed React/Vite frontend with protected routes, dashboard views, project workflows, bug detail pages, and authenticated API integration.

Dubex | Developer CLI Tool

GitHub: github.com/mdubelbeis/dubex

Node.js, TypeScript, Commander, CLI Development, File System, Code Generation, Express, Mongoose

- Built a TypeScript-based CLI toolkit for generating repetitive JavaScript and TypeScript project code and improving developer workflow automation.

- Implemented commands for generating class accessors from JS/TS class fields and scaffolding Express/Mongoose controllers, routes, models, and base project files.
- Added JSON config-driven resource generation with support for multiple resources, custom Mongoose schema fields, TypeScript output, dry-run previews, and force-overwrite behavior.
- Organized the CLI with modular command handlers, file-system utilities, templates, parsers, formatters, and result-tracking helpers to keep generation logic maintainable and extensible.

WORK EXPERIENCE

IT Specialist

Department of Labor | Washington, DC | 07/2023 - 07/2025

- Supported enterprise IT governance, reporting, UAT, and project management workflows across ServiceNow, Jira, SharePoint, Power BI, Excel, and MS Project in a federal technology environment.
- Performed UAT, data validation, and cross-environment issue analysis to verify system and reporting changes met business requirements before release.
- Produced functional documentation, process guides, reporting materials, and workflow artifacts that improved consistency and reduced submission errors by 30%.
- Collaborated with technical and business stakeholders to investigate issues, validate fixes, clarify requirements, and communicate delivery risks.

First-Line Supervisor

United States Navy | Norfolk, VA | 10/2018 - 09/2022

- Coordinated workload and administrative processes for 95 personnel, supporting transfers, leave, telework, and operational continuity.
- Revised inventory tracking and accountability processes, maintaining full operations while improving records accuracy and financial oversight.
- Supervised, trained, and mentored team members in a mission-critical environment requiring clear communication, accountability, and procedural compliance.

Air Traffic Control Tower Chief

United States Navy | Lakehurst, NJ | 09/2014 - 10/2018

- Directed daily tower operations for a 23-person team supporting 13,000+ mishap-free flight operations through disciplined coordination and procedural compliance.
- Generated facility directives and rewrote operating procedures to improve safety, efficiency, compliance, and standardization.

Sales Associate

Melissa Rodriguez - State Farm | Georgetown, TX | 07/2025 - 03/2026

- Managed lead follow-up, quoting, and CRM documentation across 102 issued policies totaling \$87,369 in written premium.

EDUCATION

Bachelor of Science, Software Engineering - Western Governors University | Graduated May 2026

CERTIFICATIONS

AWS Cloud Practitioner | CompTIA A+ | Linux Essentials | ITIL 4 Foundation | CompTIA Project+