



# WILLIAM WHITE


Senior Software Engineer


 willwhite.dev

 contact@willwhite.dev

 (281) 658-0534

 github.com/will-white

 Aurora, Colorado

 /in/william-white-76068893

## SUMMARY

Polyglot Software Engineer with 10+ years of demonstrated industry experience with a keen eye of UX and a passion for DevOps / infrastructure. Who has developed an array of web, desktop, batch, and business intelligence solutions, of all sizes. Successful in developing simple solutions for complex problems, optimizing business procedures, processes, and productivity.

## SKILLS

**Languages:** CSharp (C#), TypeScript, JavaScript, Python, Java, LINQ, SQL, SOAP, JSON, XML, HTML, CSS, LESS, SASS

**Frameworks:** React, React Query, Redux, Angular 2+, Node.js, OpenFAAS, Karma, Jest, DevExpress, MUI, Material, Bootstrap, Tailwind

**Technologies:** AWS, Aurora, RDS, SQS, DynamoDB, S3, Lambda, SNS, CloudFront, GCP App Engine, Address, Geocoding, GIS, Docker, Kubernetes, RabbitMQ, SSMS, MSSQL, MySQL, PostgreSQL, MongoDB

## EXPERIENCE

- 3/2022 – 3/2024 **Senior Software Engineer** SkySlope Inc.
- Developed, reviewed, and maintained, key fullstack business application with over 2000 unit tests, and 30 pull requests per sprint. While still delivering weekly to bi-weekly product releases.
  - Helped monitor, debug, triage, mitigate, and operate, several applications with over 10 thousand daily concurrent users.
  - Participated and facilitated importing of 100s of thousands users from external integrators, via SSO, and private standalone accounts.
  - Enhanced app experience for monetization purposes with sponsored/partnered ADs without impeding user interactions or performance with app
  - Lead initiative to reduce cluster cost by moving to file and data streaming, and deferred executions.
  - Collaborated and worked with half a dozen teams to create one of the most adopted prop tech app.
- 8/2020 – 3/2022 **Senior Software Engineer** ARMtech Insurance Services Inc.
- Developed unified single sign on solution using Angular 2+, Node.js, .NET Core, and Duo Security.
  - Refactored dozens of MSSQL PDF Reports to DevExpress and Angular/HTML based ones.
  - Improved coding standards with use of ESLint, Prettier, and CI/CD scripts using GitLab CI/CD.
- 8/2014 – 8/2020 **Software Engineer** ARMtech Insurance Services Inc.
- Spearheaded performance, and refactoring of core business service that lead to a 45x up lift
  - Implemented use of customized Webpack Hot Module Reloading saving countless hours of development and debugging time across all teams.
  - Built a web-based SaaS B2B application utilizing Angular 2+, Node.js, WCF, RabbitMQ, Redis, CouchDB, Entity Framework, MSSQL, Docker, and DevExpress Reporting.
  - Developed and optimized customized business software solutions that helped manage risk more effectively and save tens of millions in capital per quarter.

## PROJECTS

- Fullstack App  
etsy-a-like
- Ecommerce Site** github link
- Etsy alike Ecommerce website built with React front end with Swipe integrations and a NestJS REST like backend, PostgreSQL DB, utilizing RabbitMQ for asynchronous integration events. Project repository uses Nrwl monorepo with GitHub CI/CD to automatically test and deploy all UI and services to a Heroku and GCP cloud infrastructure.
- HomeLab** github link
- Ever evolving bare metal environment in my server rack fulfilling various purposes; utilizing various IaaS technologies. Fully controlled via GitOps, using Ansible, Proxmox, Kubernetes, Docker, Grafana, Prometheus, ELK, and Fluentd.
- Microservice
- USDA RMA Insurance Premium Calculation Engine** github link
- Custom Calculation/Business engine that processes Insurance premiums derived from RMA's agricultural custom premium calculations. Downloads, parses, and converts PDF text calculations into dynamically generated CSharp code

## EDUCATION

- 8/2008 - 12/2013 **B.S.E. in Computer Science and Engineering** University of Texas at Arlington
- In-Major GPA: 3.4