

Aiden Gonzalez

817-209-9974

aidenlgonzalez2@gmail.com

<https://aidengonzalez.dev>

SUMMARY

Software Engineer with experience designing and delivering distributed cloud-native applications, internal tooling, and data pipelines. Skilled in building scalable backend services, optimizing workflows, and collaborating across teams to deliver high-impact features.

Core Skills: Full-Stack Development, Data Engineering, APIs, Cloud Architecture, Data Structures

Technologies: C#, Python, SQL, dbt, AWS / GCP, Docker, Kubernetes, Node.js, C, Terraform, React

Personal Interests: Bicycling, Basketball, Mentorship, Running, Hiking, Personal Finance

WORK EXPERIENCE

Software Developer - Jasper Ridge Partners, Fort Worth TX Jan 2024-Present

- Spearheaded design and implementation of an efficient income allocation engine in C# .NET, automating fund workflows and enhancing accounting accuracy across nested investor structures
- Built a parallelized financial statement generation tool, delivering 80-90% reductions in processing times for monthly and quarterly client reporting packages
- Developed .NET API clients and dbt data models to integrate Bloomberg data into analytics pipelines, enabling more robust performance insights, risk analysis, and auditing dashboards
- Led integration of the Solovis portfolio analytics platform with internal systems, using dbt to build reconciliation and performance models supporting family office reporting
- Acted as mentor and technical lead for junior engineers, ensuring high standards for code quality
- Organized company-wide basketball events, boosting cross-functional cohesion and morale

Software Engineering Consultant / Intern - Precocity, LLC, Dallas TX May 2019-Dec 2023

- Promoted to full-time Consultant in May 2023 upon MS ECE graduation
- Improved product reliability for a top fintech client by patching user-facing bugs in C# and React
- Automated payroll accounting with SQL, Python, and JavaScript, improving efficiency by 90%
- Built a GitLab CI/CD pipeline for Kotlin APIs, enabling faster and more reliable deployments
- Prototyped a Slack-integrated time tracking tool with Node.js, streamlining employee reporting

Software Intern – Northrop Grumman Corporation, Dulles VA / Cincinnati OH Jun 2020-Aug 2021

- Identified and remediated critical security vulnerabilities in C-based ESPASatellite software
- Optimized SonarQube API calls to enable efficient extraction of 100k+ static analysis findings
- Automated Subversion tag scanning and artifact distribution using Jenkins CI/CD
- Researched and prototyped an internal gig economy marketplace to improve staffing efficiency, ultimately presenting to VP of Engineering Innovation to guide internal strategy

EDUCATION

Purdue University | Electrical and Computer Engineering | West Lafayette IN

- **MS ECE:** Engineering Teaching Assistantship | GPA: 3.50 May 2023
- **BS CMPE:** Honors College | Math Minor | GPA: 3.95 (with Distinction) May 2022

SELECTED PROJECTS

- **hydRate:** (2020, 2025) Initially developed web app using AngularJS and Firebase which allows users to find and review nearby water fountains and bathrooms; currently developing a cross-platform V2 with Flutter, Node.js, and PostgreSQL
- **Regex Comprehension:** (2023) Developed an experimental web app to study the efficacy of various regular expression comprehension tools and co-authored a research paper on findings
- **Lantern:** (2022) Created a full-stack MVP accounting application using React and Node.js which aimed to provide small business owners with digestible insights into their financial health