

# Andrew M Rocks

[andrew.rocks222@gmail.com](mailto:andrew.rocks222@gmail.com) • Chicago, IL • (412) 552-8397 • [andrewrocks.dev](https://andrewrocks.dev) • [LinkedIn](#)

## WORK EXPERIENCE

<b>Software Engineer (Consultant 2)</b>	<b>Pariveda Solutions</b>	<b>2023 – Present</b>
<b>Software Engineer (Consultant 1)</b>	Chicago, IL	<b>2022 – 2023</b>

- Consulted and developed software for clients in retail (40+ billion revenue) and travel (50+ billion in revenue)
- Architected AWS services for a go-to-market computer vision offering which was demoed to 3+ clients

### Contact Center Agent App

- Architected the combination of multiple microservices to increase the number of flights viewable to contact center agents by over 250%, feature used by over 4,000 contact center agents
- Utilized – C#, .NET, Typescript, Angular

### Warehouse Claims App

- Eliminated 30 second load time and increased claims processing rate by 175% by migrating business workflow to a React web app, led development during phase 2 and owned major feature development
- Automated the validation and processing of over \$6.75 million worth of claims annually
- App selected to be shown to the office of the president due to on-time delivery and project success
- Utilized – Typescript, React, C#, .NET, SQL Server

### Competitive Pricing App

- Built rules engine to automate the calculation of suggested retail prices for 17+ products
- Centralized 26 regional workflows into one app, resulting in 1000+ labor hours saved annually
- Improved batch retail processing, reducing price calculation duration by 91% and process memory usage by 58%
- Utilized – C#, .NET, SQL Server, Typescript, React

<b>Technology Consultant Intern</b>	<b>Deloitte Consulting</b>	<b>Summer 2021</b>
GovConnect Offering Team	Chicago, IL	

- Streamlined DevSecOps processes for 5 dev teams and researched competitors for GovConnect product offering, then presented improvement recommendations to firm partners in solo presentation over an hour
- Utilized – DevSecOps, Salesforce, PowerPoint

<b>Software Engineering Intern</b>	<b>DICK's Sporting Goods</b>	<b>Summer 2020</b>
Appointment Scheduling Application	Pittsburgh, PA	

- Developed the API for an appointment scheduling app, increasing use of services and revenue by over 100%
- Utilized – Java, Spring Boot, MongoDB

## TECHNOLOGIES AND LANGUAGES

- Languages: C#, Typescript, Javascript, Python, Java, C, C++, HTML, CSS
- Technologies: .NET, React, AWS, Angular, Spring Boot, SQL (multiple versions), GraphQL, Tailwind CSS
- Other: API design, Object-Oriented Programming, Component-based UI design, UX design, Agile

## EDUCATION

<b>B.Sc. Computer Science</b> , University of Notre Dame, GPA – 3.92	<b>2018 – 2022</b>
Business Minor, Magna Cum Laude Honors, Tau Beta Pi & Upsilon Pi Epsilon Honor Societies	

## PROJECTS/AWARDS

- **Swipe & Swing Mobile App**: Received 1<sup>st</sup> place award in class for designing a Tinder-Style mobile app for golfers
- Utilized: Python, Flask, Typescript, React, React Native, Oracle SQL
- **Tank Droid Project**: Received 1<sup>st</sup> place award in class for designing and building a fully functioning tank droid that could perform 3 routines autonomously with coordinated motion, sound, lighting, and theming
- Utilized: C/Arduino, event-driven programming, Tinkercad (part design), 3D printing