

# Thomas D'Ascoli

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## SKILLS

### **WEB DEVELOPMENT**

JavaScript, Typescript, React, Node/Express, Webpack, Redux, Xstate, HTML5, CSS3, Bootstrap, SpringBoot, OWASP

### **PROGRAMMING**

Java, Python, React Native, Git, GitHub, Jenkins

### **DATABASES**

mySQL, postgreSQL, mongoDB, Sequelize, Mongoose

## EDUCATION

### **The College of New Jersey**

*B.A Criminology, Russian*

**Ewing, NJ**

*August 2017-May 2021*

### **Steven's Institute of Technology**

*M.S. Computer Science*

**Hoboken, NJ**

*September 2021-May 2023*

## PROFESSIONAL EXPERIENCE

### **Cigna**

#### **Software Developer**

**Morris Plains, NJ**

*January 2022- Present*

- Design and Develop frontend architecture using React, TypeScript, Redux and Xstate for flagship software product according to business stakeholder specifications.
- Write optimized backend APIs in Java SpringBoot and work alongside other backend developers to ensure data is optimally connected to the frontend.
- Collaborated with cross-functional teams such as QA to troubleshoot and fix bugs, reducing production issues by 15%.
- Optimized build and deployment process by implementing Continuous Integration and CI/CD in Jenkins, resulting in 30% faster release times.

### **Institute of Electrical and Electronics Engineers (IEEE)**

#### **Front-End Engineer**

**Piscataway, NJ**

*March 2021- December 2021*

- Enhanced User Experience on the company's main site by coding custom components using JavaScript.
- Rebuilt an internal company site as a CMS using React which saved \$200,000/yr in development costs.
- Increased main site load speed by 15% by minifying javascript files in the production environment.

## PROJECTS

### **Order Portal - <https://myorderportal.com>**

**December 2022 - Present**

Full stack side business. My business partner and I were contracted by a local pizzeria to build an ordering system that would handle online orders and print the order in their store. We accomplished this for them and then redesigned the system to be able to handle multiple stores and are currently adding new ones. It is written in C# ASP.net and React. We are also currently porting the web version of the restaurant admin functionality to Java Android and will release that soon.

**\*\*Note this is a live production application, please do NOT play around as it will affect day to day business.**

### **Connected- <https://dascolt1.github.io/assets/connected.mov>**

**April 2017 - October 2018**

Full Stack hobby based matchmaking React Native app. I was given an opportunity to learn full stack development alongside my cousin. Up until this point I had only been working on static HTML, CSS and JavaScript websites as a freelancer, this project allowed me to get familiar with Node.JS and MongoDB, as well as postgreSQL.