

# Nicholas Mangracina

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## TECHNICAL SKILLS

- **Languages:** Java, Typescript, Javascript, HTML/CSS, C, C++, Python, SQL
- **Frameworks:** Angular 9 (w/ Ionic 4, PrimeNg), Node.js, TypeORM, J2EE, Spring Boot
- **Tools:** Git, Eclipse, Chrome dev tools, VS code, Jenkins, MySQL, PostgreSQL, AWS Elastic Beanstalk

## PROFESSIONAL EXPERIENCE

### **Full-stack Software Developer - Senior Developer role - TCS client** *May, 2021 – current*

- Utilized SCRUM with Jira for correspondence on issues and tasks
- Worked with Angular 9 to update webpages and implement new features
- Create new entities with Java Spring with services in Angular to consume RESTful API
- Help Jr team members troubleshoot API calls and resolve front-end bugs, help explain Angular concepts and walk through Eclipse configuration with Maven and Apache Tomcat
- Helped instill proper version control practices with new team members

### **Front-end Software Developer – PNC - TCS client** *May, 2020 – April 2021*

#### ❖ **PNC Virtual Wallet, Account Opening Experience (AOX)**

- Utilized Angular 9 to update webpages based off of wireframes and customer feedback
- Wrote unit and regression tests for Angular and resolved many production defects
- Updated validation processes for new account openings
- Experience working with microapp architecture, webpage developed as a separate microservice

### **Full Stack Software Developer – PwC - TCS client** *August, 2019 – April, 2020*

#### ❖ **DMS (Data Maintenance System) Replatform**

- Utilized MEAN stack in development, Angular 7 with MongoDB noSQL database
- Migrated the DMS off of the old Lotus Notes desktop client as a more modern application
- Designed and implemented a dynamically loading modal system
- Added new functionality such as role-based actions/restrictions, automation of routine tasks
- Utilized Agile SCRUM using Azure DevOps to manage tasks and submit issues
- Built RESTful APIs with Node.js, served data to the front-end based off user inputs

### □ **Full Stack Software Developer–Tata Consultancy Services (TCS)** *July, 2018 – August, 2019*

Worked on 2 TCS internal projects in the Business Solutions Unit both using Angular to develop full-scope web portals

#### ❖ **UHCMS (Unified Hybrid Cloud Management System)**

- Developed web portal to provide an all-in-one solution for provisioning usage of VMs and many other billed microservices through cloud providers such as AWS and Azure
- Built front-end UI using modular Angular components
- Helped with design and implementation of backend entities and controllers

#### ❖ **TAAP (Technical Architecture Assessment Platform)**

- Developed web portal for TCS customer reps to communicate back and forth with clients on full-scope project requirements and technical specifications
- Designed and implemented project entities, which TCS customer reps create and submit to clients, clients log in to fill out and submit back.
- Fetched API data and implemented logic for filtering and displaying data in dynamic tables
- Designed and develop UI with Ionic, backend with Spring Boot and postgresSQL relational database

## EDUCATION AND EXTRAS

### ● **B.S in Computer Science from Rutgers University - New Brunswick** *January, 2018*

- **Developed Android App** with a college friend to send alerts for crypto and stocks based on user's parameters for volume and price. Built with Kotlin, SQLite for database. [github.com/jimdc/TradeTracker](https://github.com/jimdc/TradeTracker)
- **Developed chrome extension to assist with multi-tabling online poker - see full CV for more**
- Played snare drum for Rutgers Marching Band and played drumset for Rutgers at basketball games.
- 16 years drumset experience, gave lessons for beginners. Leadership position with highschool drumline

*For full CV and list of projects and details see my webpage at <https://nick433.github.io/>*