Nicholas Mangracina

phone: 732 850 0309   email: n.mang433@gmail.com   github: https://github.com/nick433

TECHNICAL SKILLS

- **Languages**: Java, Typescript, Javascript, Scala, HTML/CSS, C, C++, Python, SQL
- **Frameworks:** Spring Boot, React.js, Angular 9, 16 (Ionic, PrimeNg), Node.js, TypeORM
- **Tools:** Git, Eclipse, Chrome dev tools, VS code, Jenkins, MySQL, Kafka, AWS, Kubernetes, Docker, JIRA

PROFESSIONAL EXPERIENCE

Full Stack Software engineer – Wells Fargo   *March, 2024*

- ❖ **ECAR and 1CASM platforms**
  - Worked on migration efforts for ECAR debt collections system using Java Spring and Angular 16

Full Stack Software engineer – E*TRADE by Morgan Stanley   *Sept, 2021 – Sept 2023*

- ❖ **Routex core brokerage, EMX (E*TRADE Management Experience), SURF**
  - Worked with Agile Scrum team using React.js and Spring Boot to extend trading capabilities such as fractional trading, and on front end built out internal monitoring tools
  - Used modern CI/CD practices and code testing/monitoring tools along with AWS: EKS(previously used ECS) with RDS and S3 for scalability and AWS Lambda for efficient deployment.
  - Utilized Apache Kafka for asynchronous communication of live trading data between microservices
  - Developed and enhanced tools for order room to execute trades for large clients with EMX
  - Identified inefficiencies in backend DAO, reworked to lower runtime of JDBC calls
  - Assisted in implementation of starvation logic to route orders to exchanges by custom rules

Full Stack Software Developer – Tata Consultancy Services (TCS)   *July, 2018 – Sept, 2021*

Worked on 2 TCS internal projects in the Business Solutions Unit followed by 3 external client assignments

- ❖ **TCS internal - UHCMS (Unified Hybrid Cloud Management System)**
  - Developed web portal to provide an all-in-one solution for provisioning usage of VMs and AWS
  - Helped with design and implementation of backend entities and MVC

- ❖ **TCS internal - 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
  - Fetched API data and implemented logic for filtering and displaying data in dynamic tables
  - Designed and develop UI with Ionic 4, backend with Spring Boot and postgreSQL

- ❖ **PwC (client project) —** *August, 2019 – April, 2020*
  - Used Angular 6 to migrate DMS (Data Maintenance System) off older Lotus Notes desktop client
  - Updated validation for new account openings, followed wireframes for developing new webpages

- ❖ **PNC (client project) - Virtual Wallet, Account Opening —** *May, 2020 – March 2021*
  - Utilized MEAN stack in development, Angular 9 with MongoDB noSQL database
  - Continuous updating of webpages based off of wireframes and customer feedback
  - Added new functionality such as role-based actions/restrictions, automation of routine tasks

- ❖ **Nationwide (client project) - Software developer, senior role —** *March, 2021 – Sept 2021*
  - Developed and enhanced features of web portal using Angular 9
  - Created services to consume restful api with spring boot
  - Help Jr team members troubleshoot API calls and resolve front-end bugs with browser dev tools, help explain Angular concepts and enforce proper version control practices

EDUCATION AND EXTRAS

- **B.S in Computer Science from Rutgers University - New Brunswick**   *2014 – 2018*
  - **Developed Android App** with a 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
  - **Developed and published chrome extension to assist with multi-tabling online poker** - see full CV
  - Played snare drum for Rutgers Marching Band and played drumset for Rutgers basketball games.
  - 18 years drumset experience, gave lessons for beginners. Leadership position with highschool drumline

    For full CV and detailed list of projects see my webpage at https://nick433.github.io/