

# Loc Tran

469-307-2880 | [loc.tntran@gmail.com](mailto:loc.tntran@gmail.com) | [linkedin.com/in/loctrantuan](https://www.linkedin.com/in/loctrantuan) | <https://github.com/Loc1ran>

## EDUCATION

---

### University of Texas at Arlington

Arlington, TX

*Bachelor of Computer Sciences - GPA: 3.656*

*Expected: May 2028*

*Related Coursework: Discrete Structures, Java Object-Oriented Programming, Data Structures and Algorithms, Computer Organization and Assembly Language Programming*

## PROJECTS

---

### Vehicle Booking Management System

Feb 2025 – Present

*Java, Spring Boot, Spring Security (JWT), PostgreSQL, Flyway, JDBC, React + JavaScript, Docker, AWS Elastic Beanstalk, GitHub Actions, JUnit/Mockito, Slack*

- Built a full-stack vehicle booking system with a **RESTful** backend and a **React** frontend that enables users to browse vehicles, create bookings, and manage profiles.
- Implemented **DTO pattern** (MapStruct/ModelMapper) to decouple entities from API contracts, added validation and unified error handling
- Secured APIs using **Spring Security with JWT authentication** and role-based access control; implemented password hashing and refresh tokens.
- Designed PostgreSQL schema and managed schema migrations with Flyway; developed persistence layer using **JPA/Hibernate and JDBC**, and wrote unit + integration tests with JUnit/Mockito.
- Developed **React + JavaScript frontend** to consume backend APIs, provide responsive booking flows, and handle client-side validation.
- Containerized services with Docker; automated CI/CD pipeline with GitHub Actions (build → test → deploy) and deployed to AWS Elastic Beanstalk; configured Slack webhooks for deployment alerts

## TECHNICAL SKILLS

---

**Languages:** Java, C, Javascript

**Backend & Frameworks:** Spring Boot, REST APIs, JPA, JDBC, Flyway

**Databases:** PostgreSQL

**DevOps & Cloud:** Docker, AWS Elastic Beanstalk, CI/CD (GitHub Actions)

**Developer Tools:** Git, GitHub, IntelliJ, Linux, Maven