

# TANMAY MATHUR

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## EDUCATION:

**Rice University, Houston, TX**  
*Master of Computer Science*

*Exp. Fall 2022*

**Vellore Institute of Technology University (VIT University), Chennai, India**  
*Bachelor of Technology in Electrical and Electronics Engineering (GPA: 3.75/4.00)*

*May 2019*

*Key Coursework: Object-Oriented Programming and Design, Web Development, Design and Analysis of Algorithms, Problem Solving using Programming, Java Programming, Machine Learning, Data Analysis, Statistical Methods*

## SKILLS:

*Programming Languages:* MATLAB, C, C++, Java, Python, JavaScript, SQL, Unix, HTML, jQuery, CSS  
*Software & Frameworks:* ReactJS, Spring Boot, PostgreSQL, SQL Developer, Murex, Oracle DB, MS-Excel, MS-Word,  
*Industry-Specific:* Problem Solving, Critical Thinking, Project Management, Communication Skills  
*Languages:* Fluent in English and Hindi

## WORK EXPERIENCE:

**Standard Chartered Global Business Services, Bengaluru (Karnataka) India**  
*Developer*

*Jun 2019 – Jun 2021*

- Essayed the role of Full Stack Developer in Technology & Innovation Unit for Financial Markets Domain
- Served as integral member of Razor Project Development Squad, Razor is multi-year delivery project aimed to increase the automation and agility of trade life cycle in various markets across the globe.
- Experienced with leading development technologies and frameworks like ReactJS, Spring Boot, AWS, etc.
- Integrated RBI's Negotiated Dealing System (NDS Call) with Razor for Razor India Rollout to support Call/Notice Loan/Depo deal bookings for Automated Trade Processing by providing groovy and ReactJS based solution.
- Developed prototype for in-house project engagement tracking dashboard "EngageBoard" using ReactJS-SpringBoot frameworks.
- Developed Java based standalone application to automate generation of trade cancellation messages during trade migration from legacy system to Razor for Razor country Rollouts reducing risk of incorrect regulatory reporting.
- Collaborated with 70+ Interface teams for Razor West Africa Rollout as part of Integration Squad for testing and development.
- Handled Back-Office (Confirmations and Settlements) development and analysis for LIBOR transition Project to enable trade processing system readiness for LIBOR Transition.

## ADDITIONAL WORK EXPERIENCE:

**Facilities Engineering and Planning (FE&P), Rice University, Houston, TX**  
*Data Analyst Intern*

*Sept 2021 – Present*

- Assist FE&P to analyze and build extract and load data processes from FE&P's Construction Management and Maintenance system to our Rice Data Warehouse.
- Develop data pipeline to load unstructured data into the Rice Data Warehouse post processing using Python and Snowflake Database services.

## ACTIVITIES:

**Energy and Environment Protection Club – VIT Chennai (Tami Nadu), India**  
*General Secretary*

*Jun 2017 – Jul 2018*

- Coordinating routine club events and increasing environmental awareness for a sustainable future.
- Led a core team of 5 members in organizing "Clean and green drives" inside as well as outside campus.

**TechnoVit 2017 – VIT Chennai (Tami Nadu), India**  
*Student Coordinator*

*Aug 2017 – Sep 2018*

- Organized a workshop on PCB fabrication and Circuit Design in TechnoVit 2017.
- Administered circuit design, logistics for the workshop.

## AWARDS:

Received Meritorious Award for securing Rank 5<sup>th</sup> in Department for academic year 2017-18 & 2018-19.