

# Utkarsha Nerkar

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## Education

**Carnegie Mellon University** | Master of Information Systems Management Sep 2021 - Dec 2022

Coursework: New Product Management, Digital Service Innovation, Consumer Behavior, Economic Analysis, Statistics, Data Science for Product Managers, Java, Database Management, Distributed Systems

**Veermata Jijabai Technological Institute** | B.Tech., Information Technology Jul 2014 - May 2018

Coursework: Data Structures and Algorithms, Programming Fundamentals, Design Patterns, Software Design

## Skills

Product Management: Product Design, Requirement Analysis, Cross-functional Collaboration, Stakeholder Engagement, Customer Feedback Management, Business Presentation, Agile Development, JIRA, Git, PESTLE analysis

Web Development: JavaScript, HTML, CSS, Java, Python, C++, Oracle SQL, PL/SQL, Hibernate, JPA

## Work Experience

**Deutsche India Private Limited** | Senior Analyst Jul 2018 - Jul 2021

- Ideated and delivered a product prototype to automate the process of raising access requests for a new joiner that saved 95% of the manual effort per new personnel
- Engineered an automation suite for testing the bank's Accounting Sub-Ledger System; improved efficiency by 85%, reducing manual effort of 396 person days, and saving 251k Euro over a span of 6 months
- Implemented end-to-end workflows for Integrated Hedge Accounting Platform (iHAP); the only bank wide strategic platform for Hedging Accounting data that helps the bank reduce P&L volatility by €2 billion
- Led a team of 6 and designed test automation framework for iHAP improving testing efficiency by 78%
- Upgraded server instances and modified legacy code in accordance with audit guidelines that improved deployment lead time by 50 days/year and helped save €150k in penalties
- Owned deployment approval process and published a digital reference document reducing approval lead time by 1 week/deployment; recognized as the change release specialist for the year 2020

**Samsung Research & Development Institute** | Software Engineering Intern May 2017 - Jul 2017

- Automated testing for the APIs of 'SVoice' and 'Bixby' (virtual assistants) through an Android application to simulate human behavior saving manual effort of 75 person days

## Research Paper

**International Journal of Research in Signal Processing, Computing & Communication System Design**

*Classification, Information Extraction and Similarity Analysis of Indian Legal Cases* Sep 2017 - Apr 2018

- Devised Machine Learning models to classify legal case documents into predefined classes, extract relevant information pertaining to the case, and retrieve previous similar case documents with an accuracy of 97%

## Leadership

- Conducted a Programming Training Session in Python for around 120 Business Finance users within the organization (Deutsche India Pvt. Ltd.), enabling non-programmers to write automation scripts (2019)
- Delivered a mental health session on 'mindfulness at workplace' within the finance technology department (2018)
- Volunteered with Mentor-Together, for upskilling a student from the economically weak section of the society (2020)
- Managed the Sponsorship Team of VJTI's technical festival interacting with around 50 companies for the purpose of sponsorship and association over a span of 6 months (2017)
- Led a group of more than 100 cyclists to explore the outskirts of the city with an objective to promote bicycling as an eco-friendly way of daily commute (2020)

## Achievements

- Co-authored and presented one of the top 10 ideas, to reduce redundancy in end user developed applications, in the Annual Deutsche Fin-Tech Conference (2019)
- Won High Commendation Award at SPIT MUN and participated in 4 Model United Nation conferences (2017)