

Ekta Dhobley

📍 New Brunswick, New Jersey, United States ✉ ektadhobley@gmail.com ☎ 09833950758 🔗 <https://www.linkedin.com/in/ekta-dhobley-29514b168/>

EXPERIENCE

Software Engineer

Tata Consultancy Services

July 2019 – August 2021, Mumbai, India

- Worked on development, support, and maintenance of Governance Risk Compliance Applications.
- Developed microservices applications using Java EE.
- Designing database schemas and ER diagrams for relational databases
- Wrote complex SQL queries for transaction-heavy, energy domain applications.
- Designed NoSQL databases like MongoDB for large unstructured data.
- Worked on designing VBScripts for testing web applications using HPE UFT, and wrote scripts in Java using Selenium.

Summer Intern

Air India Airlines

December 2017 – January 2018, Mumbai, India

- One-month internship, wherein trained under Electronics Overhaul Division undergoing practical training of understanding communication instruments and practical knowledge of protocols and the navigation instruments in Instruments Overhaul Division.

PROJECTS

Social Networking Hub for Students and Faculty (RAIT+)

- Used Java and XML for coding in Android Studio, used MySQL and PHP for creating databases. Also implemented messaging in our application for which we have utilized the services of Google Firebase to create a real-time database.

Ultrasonic Radar Detection and Ranging

December 2018

- A device that can be rotated 0 to 180 degrees and provide us information about any obstruction present nearby. If the object is present within 15 cm then a buzzer present in the device produces a warning sound, this technology can be used in the concept of self-driven cars.

Long Range FM Transmitter

April 2017

- Designed a long-range FM transmitter (spy bug) which can capture audio signals and transmit to a long distance and therefore can be used for security purposes.

EDUCATION

Masters in Computer Science

Rutgers University • New Jersey • 2023

Bachelors in Electronics and Telecommunications

University of Mumbai • Mumbai, India • 2019 • 7.4

CERTIFICATIONS

Machine Learning

2021

Learnt how to build, develop and deploy various Machine Learning models

SKILLS

HTML, CSS, JavaScript, Java, SQL, Python