

# TANAY WAGH


## React Developer | IIT Bombay


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## PROFESSIONAL EXPERIENCE

### React Developer

314e Corporation


 July, 2021 – Present


 Bengaluru, Karnataka, India

- **Product Development:** Developed a comprehensive CRM product utilizing ReactJs, Redux, JavaScript, and CSS, resulting in a **50%** increase in recruiting productivity and cost savings of **\$0.1M per year** for the company
- **LinkedIn Chrome Extension:** Created a highly efficient and user-friendly LinkedIn Chrome extension using Manifest V3, which reduced interaction time between recruiters and candidates by **50%**
- **React Native App:** Created boilerplate, developed mobile application using React Native & streamlined development process
- **Insights Dashboard:** Designed and developed an interactive Insights Dashboard to help users visualize annual data in terms of various metrics, enabling up-to-date progress evaluation and informed decision-making
- **Unit Test Cases:** Wrote comprehensive Unit Test Cases and integrated them into the CICD pipeline using **Git Workflow** script, ensuring high code quality and efficient development workflow
- **Kanban Board:** Developed a Kanban board using React-Beautiful-Dnd to streamline the placement flow of candidates in open jobs, maximizing efficiency, reducing time, and promoting better team collaboration
- **Rich-Text Editor:** Implemented a Rich-Text Editor using the Lexical editor library, enabling users to easily create and edit documents with a variety of formatting options

### Software Engineer

ExpressRCM Private Limited (Internship)

 June, 2021


 Bengaluru, Karnataka, India

- Gained first hand experience in **Python** programming, **SQL database management**, and **FastAPI** framework after successfully completing coursework and hands-on projects
- Developed RESTful APIs for performing basic **CRUD** operations using the **FastAPI** framework

## LEADERSHIP EXPERIENCE

### Department Head | NSS IIT Bombay

Part of a 11-membered team serving >1 lakh people; impacting society via education and sustainability

 April, 2018 – March, 2019

- Led a **2-tier team** of **7** Activity Associates and **100+** volunteers for conservation and rejuvenation of biodiversity in campus
- Ideated and launched a website **Greenopedia** (**800+** users), containing description of **85+** tree species
- Organized **Artistic Impact**, a nationwide socio-art competition that attracted participants from **20+ cities across India**
- Administered **Prakriti**, a forum for nature enthusiasts to raise awareness about environmental issues fetching **25k+ views**



## SCHOLASTIC ACHIEVEMENTS

- Awarded Scholarship in **National Talent Search Examination (NTSE)**
- Awarded the prestigious National Scholarship for outstanding performance in the **National Scholarship Exam**
- Awarded **AA grade** in credit-based Industry Internship at Mumbai Railway Vikas Corporation
- Qualified for Scholarship for Higher Education under Innovation in Science Pursuit for Inspired Research

## EDUCATION

### IIT Bombay (CGPA : 8.54 / 10)

Dual Degree in Civil Engineering (B.Tech + M.Tech)

 Aug, 2016 -May, 2021  Mumbai, India

- Department rank **2** in Dual Degree program, demonstrating exceptional academic performance with CGPA **8.54/10**
- Received **Undergraduate Research Award** for excellence in the field of engineering research

## TECHNICAL SKILLS

- **LANGUAGES/Frameworks:** ReactJs, JavaScript, TypeScript, Next.js, React Native, Python, Node.js, HTML, CSS, SQL
- **LIBRARIES/TOOLS:** Redux, React Router, Antd, Less, Kea Logic, RAQB, Material UI, GIT, VS Code
- **CERTIFICATIONS:** Python and Statistics for Financial Analysis (Coursera), Python 3 tutorial Course (SoloLearn)

## PROJECTS

### tanaywagh.in

Personal Portfolio

- Developed a responsive personal website using Next.js, CSS, and JavaScript, combining dynamic functionality, sleek CSS designs, and interactive JavaScript elements

[Next.js](#) [CSS](#) [JavaScript](#)

### E-Learning Website

Self Project (CS50 - Harvard University)

- Developed an interactive e-learning website featuring a comprehensive daily activity planner, a progress tracker, and a dedicated page for upcoming common meetings and announcements

[JavaScript](#) [CSS](#) [HTML](#) [Python](#)

### ML Project - Stanford University

Guide: Prof. Andrew Ng (Coursera | Course project)

- Implemented Linear Regression with multiple variables algorithm on a housing dataset in Matlab, including feature normalization, to predict housing prices and obtain the best-fit curve for accurate price predictions
- Visualized training data containing 5000 handwritten digits in **Matlab**, implemented logarithmic regression algorithm, minimized the cost function
- Used three-layered neural networks to predict the handwritten digits with 97.5 percent accuracy

[Machine Learning](#) [Matlab](#) [Neural Networks](#)