

PRATIK FANDADE

Buffalo, New York (716)-339-8155 pfandade@buffalo.edu [LinkedIn](#) [GitHub](#)

EDUCATION

State University of New York at Buffalo

MS in Computer Science and Engineering

Aug 2024 – Aug 2026 (Exp.)

Buffalo, NY

Vishwakarma Institute of Technology, Pune

Bachelor of Technology in Information Technology - CGPA - 8.71/10

Jul 2018 – Jul 2022

Pune, India

EXPERIENCE

Colgate Palmolive

Senior Technology Associate - Campus Associate - Intern

Feb 2022 – Aug 2024

Mumbai, India

- Collaborated with 15+ employees as a Full-Stack Developer to develop & maintain a proprietary software, leveraging technologies like Django, React, Google Cloud, Kubernetes, Docker, and Celery, creating customer-focused APIs & front-end to support 1,000,000+ of concurrent I/Os with low latency in order to increase market efficiency.
- Worked in a team to design & develop a solution for strategic market performance procedure to achieve 50% time savings & better efficacy.
- Resolved over 100+ bugs, ensuring optimized system performance and accuracy leading to better handling of critical business tasks.
- Strategically worked closely with 10,000+ business to identify & improve the system for better sales of 100,000+ industry leading products.
- Led testing initiatives and enhanced GitHub collaboration, to improve teamwork across global teams.
- Actively worked with Developers in improvement of front-end architecture, leading to better software architecture & standardization of process of development.

PROJECTS

Stock Market Trend Prediction | RNN, TensorFlow, Keras, Python

Jan 2022

- **Publication** - Springer International
- Designed and built a Machine Learning model using the Long-Short Term Memory (LSTM) algorithm for stock price prediction incorporating Twitter sentiment analysis to gauge public opinion.
- Deployed the system on a web application to enhance user accessibility and interaction, Integrated with real-time data from Yahoo Finance API for model training and prediction.

Real Time Chat Web Application | React, NodeJS, Express, MongoDB, JavaScript

Aug 2021

- **Publication** - International Journal for Research in Applied Science & Engineering Technology
- Built a real-time Chat Application using end-to-end **Encryption** (AES256).
- Literature Survey of Encryption algorithms to determine best use practices.
- Did experimentation to determine the best Algorithm for Security through Encryption

TECHNICAL SKILLS

Languages: Python, Java, C, C++, Dart, JavaScript, SQL, NoSQL

Technologies/Frameworks: Linux, GitHub, ReactJS, Redux, NextJS, NodeJS, ExpressJS, Git, Mongo, Flutter

Cloud: AWS, GCP, DevOps, Microservices, Docker, Kubernetes, GitHub CI/CD

Relevant coursework: Data Structures & Algorithms, Operating Systems, Network Security, Database Management System (DBMS), Artificial Intelligence, OOPS Concept, Web Development, Android Development

EXTRACURRICULAR

EPEC, Student Council, VIT-Pune

Website Secretary

Aug 2020 – Aug 2021

Pune, India

- **Lead a team** of web developers in Student Council at VIT, Pune.
- **Designed & Developed** the Websites for Major events & festivals hosted by the college.
- Participation Certificate.

Developer Student Clubs, VIT Pune

Web-Developer

Aug 2020 – Aug 2021

Pune, India

- Working with fellow developers to **design & develop** practical projects using relevant web development technologies.
- **Mentoring & Teaching** students in workshops conducted by the club about technologies.
- Participation Certificate.