

MANYU DHYANI

☎ +1 347-625-4883 ✉ mdhyani@stevens.edu 🔗 [linkedin.com/in/manyu-dhyani](https://www.linkedin.com/in/manyu-dhyani) 🐙 github.com/manyu-dhyani

Education

Stevens Institute of Technology

September 2022 – May 2024

Master of Science in Computer Science, **CGPA: 3.9/4**

Hoboken, New Jersey

Coursework: Web Programming I, Distributed Systems and Cloud Computing, Computer Organization and Programming, Web Mining, Knowledge Discovery and Data Mining, Web Programming II, Big Data Technologies, Agile Software Development, Cyber Security, Database Design

Dr. APJ Abdul Kalam Technical University, Lucknow, India

Aug 2016 – Sep 2020

Bachelor of Technology in Computer Science and Engineering, **CGPA: 8.63/10**

Lucknow, India

Experience

Traveloft India Private Limited, Dehradun, India

Jan 2020 – August 2022

Senior Software Developer

Dehradun, India

- Led & Built **Customer Relationship Management (CRM)** system, using **MERN stack**, for Company's B2B clients, customers & Potential leads. Leads-to-customer conversion and Business consultations increase by **35%**
- As Full Stack Developer for project, worked with: **Django, PostgreSQL, Redis, JavaScript, and Flask**, to create Tourism and Hospitality site with Ecommerce functionalities
- Built and designed **Rest APIs for Business Analytics Dashboard** with various **Graphs** for different features using **React.js, Charts.js and Django REST framework**, enabling real-time monitoring with a **40%** increase in decision-making
- Added tools and microservices using **flask and RabbitMQ** like, **Chatbot Assistance, Recommendation system for treks and travels, and CKEditor 5**, resulting in a **25%** boost in user engagement and improved navigation efficiency
- Automated **AWS EC2 and S3 Buckets** deployment via **GitHub Actions**, reducing deployment time by a substantial **80%**
- Strategically utilized **JIRA to orchestrate Agile cycles**, fostering enhanced collaboration and expediting delivery timelines by **20%**, thereby amplifying throughput

Academic Projects

MovieMaster OTT Platform | *Flask, React.js, Node.js, Redis, Firebase, MongoDB, AWS* | [Link](#)

Jan 2024

- Created the front end for the platform using **React** and collaborated on unique feature of comments and chatrooms dedicated to each movie using **Socket.io**, which led to increase in user engagement
- Integrated a **recommender engine**, which recommend movies based on genres and movies. Created API for the same and added **Redis for caching the result**, enhancing the user experience by reducing loading time
- Deployed 3 different instances of **Flask-server, Express-server, and React-server** on Ubuntu VM on **AWS EC2** (Nginx) with SSL certificate on the same

ProCare HealthCare Portal | *React.js, Node.js, Redis, Firebase, MongoDB, Docker* | [Link](#)

Oct 2023

- Designed a health portal for medical staff and the families of patients, **incorporating separate dashboards for Family, staff, and admin** and user authentication
- Implemented features such as **Inventory Management, Admin Management, patient admissions and discharges**, and patient health and diagnosis tracking for both families and staff, with immediate email notifications email for any status changes

Event Management Platform | *React, Node.js, MongoDB, Next.js, Webpack, Babel* | [Link](#)

May 2023

- Collaborated on website displaying events across various categories. User can create and follow other events, as well as buy ticket for same
- Build features like **Report mechanism (CRUD), Event collaboration, Event statistic with graphical aid, live Twitter feed using Twitter API, and Geolocation API**

ShoppingX Ecommerce Store | *Django/Python, PostgreSQL, Redis, Docker* | [Link](#)

Jan 2022

- Developed an online store with features such as **user authentication, Payment Integration (PayPal), Cart, Order History for each user, Order Summary (Checkout), and Product Detail Page**
- Enabled users to modify their Personal Details, including user passwords, and manage multiple delivery addresses

Skills

Programming Languages: Python, JavaScript, TypeScript, C, C++, Golang, Java, Unix Shell Scripting

Web Technologies: Django, Node.js, Express.js, React.js, Next.js, Flask, Django REST framework, Redis, Redux, GraphQL, Gulp

Databases: MongoDB, PostgreSQL, Firebase, MySQL

Tools: GIT, GitHub Actions, CI/CD, SQL Developer, Linux, Postman, Docker, Kubernetes, VS Code, MS Office

Cloud Technologies: Amazon Web Services (AWS), Microsoft Azure, Google Cloud Platform (GCP)