

# Adarsh Shankar

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Portfolio | [LinkedIn://adarshshankarofficial](https://www.linkedin.com/in/adarshshankarofficial) | [Github://Triffycodes](https://github.com/Triffycodes)

## EDUCATION

**DEPAUL UNIVERSITY**  
**MS IN COMPUTER SCIENCE**  
June 2024 | Chicago, IL  
"Magna Cum Laude"  
GPA: 3.7 / 4.0

**VTU**  
**BE IN COMPUTER SCIENCE**  
June 2019 | Karnataka, India  
College of Engineering

## SKILLS

### Programming Languages:

JavaScript • Python • C++ • Java • SQL

### Frontend and Backend:

React • HTML5 • CSS3 • TailwindCSS  
Redux • Node.js • Express.js • RESTful  
APIs • Appwrite

### Databases:

MySQL • MongoDB • PostgreSQL

### Tools and Others:

AWS • Git • Jenkins • Firebase • Heroku  
Postman • Vercel • NPM • Vite • CI/CD  
Tableau • Agile Methodologies • Micro  
Front End • Bootstrap • JSON • ShadCN  
Jira • Team Management • Decision  
Making

## LINKS

Leetcode:// [TriffyCodes](#)  
Code360:// [TriffyCodes](#)  
GeeksForGeeks:// [TriffyCodes](#)

## COURSEWORK

### GRADUATE

Object Oriented Programming  
Applied Data Structures and Algorithms  
Distributed Systems  
Database Programming  
Programming Machine Learning  
Data Analysis and Regression  
Data Visualization  
Fundamentals of Data Science

### UNDERGRADUATE

Cloud Computing  
Operating Systems  
Computer Networks  
Computer Graphics + Practicum  
Unix Tools and Scripting + Practicum

## EXPERIENCE

### OAK STREET HEALTH | SOFTWARE ENGINEER INTERN

June 2023 - August 2023 | Chicago, IL

- Built a scalable single-page web application using React, increasing customer engagement by 10%.
- Led the transition to React, improving performance by 40% and user experience significantly.
- Designed secure RESTful APIs with Node.js and Express.js, enhancing data handling and web scalability.

**Tech Stack:** React, JavaScript, Node.js, Express.js, Tailwind, HTML5, Redux.

### INFOSYS LIMITED | SYSTEMS ENGINEER

December 2019 – September 2021 | Bengaluru, India

- Revamped 70% of UI screens for a global web app, enhancing usability for over 100,000 users in 150+ countries.
- Migrated legacy UIs to React using Micro Frontend Architecture, improving app performance by 70%.
- Developed robust APIs with Node.js and Express.js, ensuring seamless integration with backend services.

**Tech Stack:** JavaScript, React, Node.js, Express.js, TailwindCSS, Jenkins, JSON, MySQL, HTML5.

### VENTALYST BUSINESS SOLUTIONS | DATA ANALYST INTERN

July 2018 – October 2018 | Shivamogga, India

- Conducted exploratory data analysis using Tableau, Power BI, and Python, improving actionable insights by 30%.
- Curated and preprocessed datasets for ML models, enhancing analysis efficiency by 25%.
- Applied ML techniques like regression and clustering, increasing prediction accuracy by 20%.

**Tech Stack:** Python, R, MySQL, Excel, AWS, Tableau, Power BI.

## PROJECTS

### TRAVELMATEAI (AI-BASED TRAVEL PLANNER) | Project Link

- Created a full-stack AI-powered trip planner using React, Firebase, and Gemini AI, achieving 99% user data retention on firebase.
- Integrated Google Photos API and trip history tracking, enhancing engagement by 40%.
- Architected an intuitive, responsive UI for personalized trip planning, improving user journey by 30%.

**Tech Stack:** React, JavaScript, Firebase, Gemini AI, Google API.

### PEN AND PIXELS (A BLOG APP) | Project Link

- Engineered a blogging platform with 30+ sign-ups, enabling secure login, content creation, and CRUD operations using React.js and Appwrite.
- Managed state with Redux and Redux-Toolkit, optimized routing with react-router-dom, and deployed on Vercel with 98% uptime.

**Tech Stack:** React.js, Appwrite, Redux, TinyMCE, react-router-dom, Vercel.

### IOT-BASED SMART AMBULANCE SYSTEM | TEAM LEAD

- Constructed an android app to create **One Path Clearance** for Ambulances.

**Tech Stack:** Java, Python, R PI, Firebase, Android Studio.