

Adarsh Shankar

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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.