

Aditya Gupta

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Professional Experience

Intern - Analyst and Software Developer, *Deloitte*

Hyderabad 01/2024 - 03/2024

- Designed and implemented an **Employee Expense Manager system** utilizing **ASP.NET Core Web API**, **SQL Server**, and **ReactJS**, resulting in a **20% increase** in efficiency for expense tracking processes.
- Utilized technical skills in **C#**, **ASP.NET Core**, and **RESTful API development** to design and construct a robust web API with tailored **CRUD operations**, streamlining data exchange processes and enhancing overall system functionality.
- Developed and implemented **Login Functionality** and session management using **JWT**, improving authentication and security for the application.
- Implemented user-friendly interfaces in **ReactJS** for employees to submit and monitor expense requests, leading to a **50% increase** in on-time request submissions.
- Developed and implemented **Manager Side interface** using **ReactJS** to streamline expense approval processes for employees, resulting in a **20% increase** in efficiency.
- Leveraged **Agile methodologies** and collaboration to consistently achieve **on-time delivery** of software projects.

Projects

Boat Lifestyle Clone, *React, Redux, Json Server*

03/2024

- Developed a functional clone of the Boat Lifestyle Website using **React**, **Bootstrap**, **Redux**, and **JSON Server**, focusing on delivering a smooth and seamless user experience. Created an Admin Panel with **React.js** to optimize CRUD operations, increasing efficiency by **30%** in managing JSON server data. Implemented an intuitive routing facility using **React Router**, ensuring data abstraction and protection in line with industry best practices. Enhanced user experience by incorporating features for rendering, filtering, and sorting products using Query Parameters in the JSON Server URL. Employed **Redux** for cart functionality, streamlining item browsing and purchase processes within the app for an improved user experience.

AIMeet - Chat with AI and Smith, *Flutter, Firebase*

05/2023 - 06/2023

- Developed an **AI chat application** utilizing **OpenAI API** to deliver conversational interactions, garnering **10,000 downloads** on Google Play Store. Utilized **Firebase Authentication** and **Cloud Firestore** to securely manage user login and information storage, ensuring seamless access across devices. Integrated **Firebase ML** for enhanced functionality, including **image recognition** and **text analysis**. Engineered **customizable character avatars** through prompt engineering, boosting **customer satisfaction by 30%**. Implemented a local **DB** using **SQLite package in Flutter**, reducing database costs by **30%** and increasing read-write efficiency by **40%**.

Publications

SmartHART: A Priority-aware Scheduling and Routing Scheme for IIoT Networks using Deep Reinforcement Learning

S. Chilukuri, **A. Gupta** and H. S. Sai Pulamolu, "SmartHART: A Priority-aware Scheduling and Routing Scheme for IIoT Networks using Deep Reinforcement Learning," 2023 15th International Conference on COMMunication Systems & NETWORKS (COMSNETS), Bangalore, India, 2023, pp. 452-456, doi: 10.1109/COMSNETS56262.2023.10041352.

Education

BTech Computer Science Engineering *Gitam University*

Visakhapatnam, India 2020-2024

- 8.57 GPA

- 50% Scholarship for 4 Years.

Technical Skills

- Programming/Scripting Languages:** Python, Java, C++, C#, .NET, ASP.NET Core, ASP.NET MVC, ADO.NET, ReactJS, NextJS, tailwindCSS, NodeJS, HTML/CSS, Javascript, Dart, Flutter
- Database:** SQL, Oracle, MySQL
- OS:** macOS, UNIX
- Statistics:** R (Programming Language), Matplotlib, Seaborn