VEEKSHITH SUMANTH G

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Education

IIT Hyderabad	**July 2023**
Bachelor of Technology in Chemical Engineering	*CGPA: 7.73*
Narayana Junior College	**May 2019**
Higher Secondary School (TSBIE)	*CGPA: 9.92*

Experience

PIL GAMING — **June 2024 – Present**

Backend Developer Intern
- Developed a secure registration and login system with Google Firebase and PostgreSQL, hosted on AWS.
- Built and integrated APIs using Next.js.
- Implemented session-based logins with NextAuth and designed schemas for the homepage.
- Managed version control and team collaboration with Git.
- Skills: **Next.js, Google Firebase, PostgreSQL, NextAuth, Git, pgAdmin**

Projects

Job Portal App | *MERN* — **2024**
- Designed and developed a multi-user application for users to search and post jobs.
- Utilized MongoDB as the database to store and retrieve data, developed the server-side using Express.js, implemented the responsive user interface using React.js .
- Implemented authentication and authorization features for secure user access to different application resources.

Food Delivery Platform | *Next.js, Prisma, PostgreSQL, React* — **2024**
- Developed a restaurant/food delivery app using Next.js, Prisma, and PostgreSQL, with React for the frontend and Prisma for database interactions.
- Implemented secure user authentication with Auth.js, and utilized React Query and Zustand for efficient data handling.
- Designed and built responsive user interfaces with React components and Next.js, focusing on performance and SEO.

Personal Portfolio Website | *JavaScript, BootStrap, jQuery, HTML, CSS* — **2023**
- Developed a dynamic portfolio website using JavaScript, jQuery, and Bootstrap to showcase web development skills and deployed on AWS.

Path Finding Visualizer | *Python, Algorithms* — **2023**
- Implemented a GUI which finds the optimal path in a maze that is generated randomly through recursive division algorithm
- Implemented real-time updates to display the A* algorithm's progress, highlighting the visited nodes and the path.

Stochastic Simulation of Covid-19 Epidemic | *C, Matlab* — **2022**
- Implemented a graph-based model to represent the spread of COVID-19 epidemic.
- Simulated the transmission dynamics, accounting for infection rates, incubation periods, and recovery rates based on the latest scientific knowledge.

Development and Management of Database | *Python, Postgre SQL* — **2021**
- Designed a flexible and efficient relational database from scratch for a scientific research paper inquiry website with the 'referential integrity' maintained.
- Developed informative ER diagrams, efficient relational table schema and retrieved information with complex queries.

Technical Skills

Languages: Python, C/C++, HTML/CSS, JavaScript, SQL
Web Development: MERN Stack, Next.js, bootstrap, jQuery
Skills/Tools: Postman, GraphQL, Prisma, Cursor, Babel
Coursework: Data Structures and Algorithms, Database Management Systems, Operating Systems,Probability, Statistics, Linear Algebra, Calculus, Differential Equations.

Achievements

- Secured **AIR 11375** among 0.15 million candidates appearing for the test in JEE Advanced 2019.
- Expert on codeforces(Peak Rating: 1560).
- Secured 297 Rank in TS Eamcet out of 3.38 Lakh candidates .