Yaksh Patel
Email | LinkedIn | Github

PROFESSIONAL EXPERIENCE

Backend Developer Intern | Interlude   Dec 2021 - June 2022

> Developed and maintained backend services for a music education app using Dart/Flutter and Firebase.
> Designed and implemented APIs for user authentication and data management, ensuring seamless frontend-backend integration.
> Resolved performance issues, reducing API response times by 30%, improving app efficiency.
> Collaborated in an Agile team, contributing to sprints, code reviews, and feature delivery.
> Gained experience with Docker for containerization and Firebase for real-time data handling.

PROJECTS

Estate   March 2024 - July 2024

Built a Full stack real estate web application with features: real time chat, map and authentication
Technologies used: ReactJS, ExpressJS, MongoDB, Tailwind CSS, Socket.io, Axios, Bcrypt, Prisma, JWT, Cookies, Context API, React Router Dom
>Used ReactJS, tailwind CSS, React map and Socket.io to build the front end of the website
>Used ExpressJS and MongoDB with Prisma to set up the backend of the application
>Used cookies, JWT, and advanced encryption methods for data protection and securing the routes.

TravelX   August 2022 - December 2022

With the developer team we built a Fullstack immigration verification system with CRUD capability to check information of passengers through SSN & verify their records
Technologies Used: ReactJS, Django, AWS, Firebase, Vendia, APIs and RESTful services
> Used ReactJS to build the Front end of website with flexbox
> Used Django for Server side of the application with Vendia as database and AWS for management
> Worked with team following Agile methodology

TECHNICAL SKILLS

Language: Java, Python, JavaScript/NodeJS, C++   **DBMS:** PostgreSQL, MongoDB
WebTechnologies: HTML**,** CSS**,** ReactJS, ExpressJS, Django   **Deployment**: Firebase, AWS, Git pages, Heroku

EDUCATION

BS Computer Science | California State University, Sacramento   **GPA: 3.2/4.0 | (Dean's List)**

COURSEWORK

Data Structures and Algorithm Analysis: Implemented and manipulated abstract data types and their structures
Computer Software Engineering: Using Agile methodology developed software according to client needs.
Object-Oriented Computer Graphics Programming: Developed a mobile app using OOP with Java programming language and Android studio
Database Management Systems: Learned everything about relational databases with entity-relationship models to transaction processing concepts.
Software Engineering Project Management: Learned project planning (budgeting and scheduling), controlling (including quality assurance and configuration management), organising, staffing, and directing a software project (leadership and motivation); and contemporary issues in management

CERTIFICATIONS   May 2019 - August 2019

Certified by **IBM** for following courses through Cognitive Class**:**
Applied Data Science with Python
> Python for Data Science | Data Analysis Using Python | Data Visualisation Using Python