

Yaksh Patel

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PROFESSIONAL EXPERIENCE

Backend Developer Intern | Interlude

Dec 2021 - June 2022

- > Developed a music education app with the developer team using Agile methodology.
- > Utilised Dart/Flutter, Expo, Google Firebase and Dockers for backend development.
- > Gained experience in developing, troubleshooting and software testing, as per client needs.

PROJECTS

Estate

March 2024 - July 2024

Built a Full stack(MERN) 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

Expected - 2024

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:** Learned working with data using Python and its Data Structures
- > **Data Analysis Using Python:** Learned preparing data to developing models and evaluating them
- > **Data Visualisation Using Python:** Learned using advanced visualisation tools & utilising them on projects. Utilised data science skills for general day to day life activities and making life simple.