Vatsal Vaghasia

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WORK EXPERIENCE

Havicma Logistics   **Tampa, FL**
Software Developer   *August 2023 – Present*
- Developing and maintaining both client-side and server-side components of the application.
- Writing and maintaining API endpoints and server-side logic.
- Collaborating with designers to create responsive and user-friendly interfaces, ensuring seamless user experiences across devices.
- Deployed hybrid cloud solutions using Google Cloud Platform (GCP) and AWS Lightsail, optimizing scalability and reducing deployment costs by 20%.
- Integrated Firebase for real-time updates, and implemented social logins (Facebook, Google, X, Apple) for seamless user authentication, reducing onboarding friction by 40%.
- Actively participating in Agile development, attending bi-weekly team meetings to share progress updates, participate in code reviews, and refine project objectives.
- Testing and debugging code to ensure functionality and performance.

Teqnodux   **Mumbai, India**
Software Developer   *July 2020 – August 2022*
- Designed a responsive front-end interface using HTML, CSS, and JavaScript, ensuring a responsive design. Utilized modern front-end frameworks such as React.js to build dynamic and interactive user interfaces.
- Developed a dedicated portal for the company to efficiently monitor user data from the client's website.
- Developed REST APIs for back-end utilities to get the request from the client website, respond with the requested data, and test the APIs using Postman. Analysed the response of JSON to update the DOM.
- Collaborated with the QA's to test and debug the application. Reduced the bug count by a factor of 30%.
- Engaged in an AGILE Scrum methodology, contributing to daily standups, sprint refinements, reviews, and retrospectives.
- Collaborated closely with developers and clients to enhance customer requirements and allocate story points, ensuring feature delivery within each sprint iteration.

PROJECTS

Package Tracker and Ride App | *Associated with Havicma Logistics*
- Designed and developed 10+ microservices for a multi-feature app (40+ planned), including package tracking, creating custom gigs, providing ride service, and peer-to-peer package transfers along with live tracking, using Node.js, Express.js, and React Native.

University OIE I-20 Request Tracker | *Students can request a new I-20 from OIE without the use of gmail.*
- Developed an android app which helps with smoothening the process of applying for a new I-20 from the International Office during CPT, OPT or any other circumstances. Used Android Studio to develop the app which helped to create seamless UI and backend.

Underrepresented Minority Hiring Web App | *Job Portal*
- Designed a platform with React.js as front end for academic institutions to post jobs and candidates to apply, integrating MySQL for efficient data processing.

EDUCATION

University of Texas at Arlington   **Arlington, TX**
Master of Science in Computer Science

Mukesh Patel School of Technology Management and Engineering   **Maharashtra, India**
Bachelor of Technology in Information Technology

SKILLS

Core Languages: C, Java, C++, Python
Cloud Services / API: Microsoft Azure, Microservices, REST API, Google Cloud Platform, Amazon Web Services
Web Technologies: HTML5, CSS3, JavaScript, jQuery, PHP, Bootstrap, WordPress, MERN (MongoDB, Express.js, React, Node.js)
Databases: MySQL, Oracle, MongoDB
Tools and Framework: Visual Studio, Android Studio, Git, Postman, CodeIgniter 4, MVC, Docker, React Native