VAISHALI PATEL

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SUMMARY

- A software professional with 4 years of experience building and testing web and enterprise applications.
- Strong expertise with building web and native systems using **RESTful Web APIs** and **Reactive Approach**.
- Proficiency with Data Structures and Object-Oriented Programming in **Python** and **JavaScript**.
- **Familiar technologies:** HTML, CSS, jQuery, JSON, XML, AJAX, React JS, Express JS, NodeJS, Java, GraphQL, MVC, Ajax, Bootstrap, Microsoft SQL Server, MySQL, MongoDB, Material-UI
- **Dev & Testing tools:** NPM, Eclipse Java EE, Android Studio, Xcode, Webpack, Babel, AWS, Selenium, Appium, Cucumber, TestNG, Junit, Sauce Labs, Postman, Git, Heroku, Gitlab, SVN, Jenkins, Jira

EDUCATION & CERTIFICATES

Full Stack Web Development	Georgia Institute of Technology, Atlanta, Georgia, USA	Jul 2022 to Dec 2022
Software Development Life Cycle	eInfochips Training & Research Academy, Gujarat, India	Jul 2015 to Dec 2015
M.Sc. in Computer Application	HNGU University, Patan, Gujarat, India	Jun 2010 to May 2012
B.Sc. in Computer Application	HNGU University, Patan, Gujarat, India	Jun 2007 to May 2010

PROJECT DETAILS

Veriti – MERN Stack Application for charities (donation to taxation) | Deployment | GitHub
- Developed **MERN** stack app, allow user to login securely with JWTAuth and explore charities forms and donate to needy.
- Built module to generate the statement and tax reports for user and for payment checkout using **Stripe** API.
- Built responsive UI experience with ReactJS**,** CSS – **Tailwind** framework, jQuery and built password security using Bcrypt.
- Responsible adding data queries using **GraphQL** library for APIS and stored data into MongoDB database efficiently.
- Manage code in Github repository and deployed application on **Heroku** ensuring seamless accessibility.

Novelty – Full Stack Application to book swap your personal library | Deployment | GitHub
- Built UI responsive full stack application to swap personal library with others seamlessly using ExpressJS, Bulma, NodeJS.
- Engineered and maintained the entire application structure with routes source code with GIT.
- Integrated Google API by **AXIOS** where user can add book details to their personal library through ISBN.
- Responsible to seed user and book data in **MySQL** database using sequelize library.

What's For Dinner? – Meal Planner (recipes to pricing) | Deployment | GitHub
- Developed responsive application using **Materialize** CSS where user can find and discover food by user certain criteria.
- Used external **MealDB, Krogger api** to populate recipes and shopping lists in modal dialog based on user search criteria.
- Responsible for implementing tooltip functionality and error handling functionality for error-free browsing experience.

WORK EXPERIENCE

Software Engineer   **Aug 2019 to Apr 2021**
Infosys, CA, USA
- Collaborated with UI/UX designers creating responsive and elegant front-end components using **React.js.**
- Implemented backend functionalities including REST APIs with **Node.js** & **Express.js** for seamless data communication.
- Designed and optimized **MongoDB** database schemas and queries to enhance application performance and scalability.
- Implemented user authentication and authorization using **JWT** and **bcrypt**, ensuring secure access to sensitive data.
- Maintaining multiple CI/CD as well as test automation setups for continuous build check and automation testing.
- Designed and executed automated test suites for web applications, APIs, and mobile devices.
- Actively participated in sprint planning, stand-ups, and retrospective meetings.

Software Engineer   **Jan 2016 to Aug 2018**
eInfochips Ltd, Ahmedabad, India
- Developed Razor view engine based **MVC** web applications using both code-first and database-first approaches.
- Utilized Entity Data Model to establish connections and data manipulation with the **SQL** Server database.
- Extensively worked with data-bound controls like web grid and data list, incorporating **AJAX** functionality.
- Followed **Agile SCRUM methodology** for product releases through iterative and incremental SPRINT processes.
- Took responsibility for designing web forms and organizing controls in C# for **CRM** integration.