Tirth Patel
Full stack Developer

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SKILLS

Methodologies:
Agile/Scrum, Waterfall, SDLC

Programming Languages:
C, C++, HTML5, CSS3 (SCSS), JavaScript (TypeScript, jQuery, AJAX, JSON, ES6-2022), SQL, C#, ASP, .NET, Python, Java

Frameworks/ Libraries:
React.JS, Node.JS, Next.JS, Express.JS, Redux, Redux-Saga, ReactHooks, ASP.NET

Web and Application Servers:
Apache Tomcat, JBOSS, Web Logic, WebSphere

Cloud Computing:
AWS

Tools/ IDE/ Others:
IntelliJ, GIT, BitBucket, GitHub, Jira,VS Code, SEO Optimization, GraphQL, UI/UX, Troubleshoot & debug code, Axios, Docker, Kubernetes

Package Managers:
yarn or npm

Databases:
MySQL, SQL Server, MongoDB

Backend API technologies:
REST, SOAP/XML/WSDL

Operating System:
Windows

EDUCATION

M.S. Software Engineering
Stevens Institute of Technology, USA
Dec 2023

Bachelor of Computer Application
Sardar Patel University, India
Jun 2018

CERTIFICATIONS

- **Microsoft Certified: Front End Web Developer**
- **FreeCodeCamp Full Stack Web Development Certification**

SUMMARY

- Around 4 years of Total experience as a Full stack Developer in Development and administration of Single Page UI Applications involving Web Services & Databasehandling.
- Code integrity and version tracking were ensured by using version control solutions such as GitHub for collaborative coding and efficient project management.
- Designed and developed a serverless architecture using AWS services such as API Gateway, Lambda, and DynamoDB, resulting in a 40% reduction in infrastructure costs and a 30% increase in application performance.
- Implemented REST Services with ASP.NET Web API, providing efficient and scalable web services for application functionality.
- Worked on big data (Splunk enterprise) to generate the Rest API andintegrated that API to Client-side code using Node JS, and Express JS.
- Developed Java applications using the Spring Boot framework, leading to enhanced system performance and scalability.

EXPERIENCE

American Express, NY, USA | Full-stack Developer | Jun 2023 - Current
- Designed and developed a responsive web application using React & Reduxcomponents & bootstrapped the application.
- Developed and maintained a web application using React, Node.js, and MongoDB, resulting in a 40% increase in customer base and a 25% improvement in system reliability.
- Used AWS SDK for connection to Amazon S3 buckets as it is utilized as the object storage accommodation to store and retrieve the files cognate to the application and additionally worked on one of the container technologies such as Docker.
- Designed and implemented a RESTful API that improved web application performance by 30% and reduced average response time by 50%.
- Implemented advanced server-side validations in C# and ASP.NET and boosted React component efficiency by incorporating hooks, leading to a 28% improvement in load times.

Accenture, India
Jr. Full-stack Developer | Jan 2021 – Dec 2021
- Implemented automated testing and debugging tools, reducing the number of bugs by 40% and improving overall code quality by 30%.
- Designed and developed a scalable .NET application using C#, ASP.NET, and MVC, resulting in a 40% increase in system efficiency and a 20% reduction in operational costs.
- Developed and maintained database schemas using SQL, resulting in a 30% increase in database performance and a 20% reduction in query response time.
- Excellent in deploying the applications in AWS as EC2 instances and creating snapshots for the data that must be stored in AWS S3.
- Utilized Docker for containerization and deployment of applications to improve development workflow and deployment processes.
- Implemented Node-Router, Node Redux architecture, ES6, web pack, and Grunt to turn the application into Single Page Application.

Jr. Front-end Developer | Jan 2019 – Dec 2020
- Created the back end using Node.JS, and Express.JS and included npm package Axios (Promise-based HTTP client for the browser and node.js) to get results from multiplesearch APIs.
- Implemented CSS Manipulation, HTML Event functions, Java script Effects & animations using jQuery. Worked on node web API for consuming the REST end.
- Proficient in React, React-Router, Redux, Redux-Promise, Redux Form, React HOCand React libraries like create- react-app, material- UI, and styled-components.
- Converted wireframes and design concepts into usable and aesthetically pleasing web interfaces by utilizing CSS pre-processors like LESS together with HTML5, CSS3, and CSS.
- Employed JavaScript technologies, including ReactJS, to develop interactive and user-focused websites that improve user interaction.