Bhavesh Bhagtani

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SOFTWARE ENGINEER

SKILLS & QUALIFICATIONS

Languages: JavaScript, Python, C++, HTML / CSS, SQL, C#
Web Development: React.js, Vue.js, Node.js, Django, .NET, FastAPI, Express, Redis
Database Management: MySQL, SQL server, MongoDB, Azure – ADF, AWS – RDS
Interpersonal Skills: Communication, Cross-cultural Collaboration, Cross-functional Teamwork, Problem Solving, Reporting, Data Analysis, Time Management

ENGINEERING EXPERIENCE

Backend Engineer | Career Pathway Institute | Remote / San Francisco, CA   March 2024 - Present
- Developed 10+ RESTful APIs for a dynamic job board with rate limiting resulting in stability and fair usage.
- Optimized database operations, achieving a 10x improvement in query performance through features in PostgreSQL.
- Implemented secure user registration/authentication in Python with FastAPI, integrating SHA-256 password hashing for enhanced security.

Full Stack Developer | Spokane Fatherhood Initiative | Spokane, WA   Mar 2023 - May 2023
- Architected a comprehensive MERN stack management solution that consolidated data from 4+ sources into a relational database, effectively reducing administrative workload by 30%.
- Mobilized 3 frontend developers to develop an intuitive UI for a donor engagement platform, significantly enhancing fundraising outcomes.
- Developed Node.js APIs to interact with an AWS hosted database, integrating Redis caching for a 50% reduction in API response times for frequently accessed data.

Software Engineer Intern | Washington Trust Bank | Spokane, WA   Jan 2023 - July 2023
- Built a first-time homebuyer benefits web app with React and Tailwind CSS, driving a 20% traffic increase and 50% attendance boost.
- Engineered a JSON message queue on Azure Blob Storage, reducing out-of-sequence messages by 99% in group chat environments.
- İmplemented WCAG 2.1-guided upgrades for 15+ React.js components, including optimized tab index, clear focus states, and ARIA landmarks, resulting in a 20% accessibility score boost.

TECHNICAL PROJECT EXPERIENCE

HouseWorth | JavaScript, React.js, Node   Dec 2022
- Crafted an off-campus housing web app solution, utilizing Python, SQL, React, and Node.js to streamline the process of finding housing for students and landlords, projected in a 50% reduced search time.
- Launched a user-friendly platform with over 200 listings, 800 images and a data set created from scratch using Python's Faker library, stored on AWS and MySQL.

Comfort Cart | JavaScript, React.js, Firebase Cloud   Dec 2022
- Implemented an e-commerce solution utilizing React.js, and Firebase, mirroring the intuitive UI of Amazon.com.
- Eliminated the need to pass data / props to the child components by using Context API.

EDUCATION & CERTIFICATIONS

Bachelor of Science in Computer Science | Whitworth University | Spokane, WA   Jan 2024
IBM - Cloud Native | DevOps, Agile, Scrum, Sprint, CI/CD, NoSQL, and MongoDB
IBM - Containers | Docker, Kubernetes, and OpenShift
IBM - Software Engineering | Agile Methodologies, Project Management, SDLC, Documentation, and Testing
IBM - Git and GitHub | Git, GitHub, Git CLI, and GitBash
IBM - Developing Front-End Apps with React | JavaScript, React.js, JSON, Rest APIs, Redux, UX, & Unit Testing
IBM - Back-end Database Applications | Node.js, MongoDB, Express.js, NoSQL, CRUD, Asynchronous