Pratip Patel

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TECHNICAL SKILLS

Language	: JavaScript, C#, Java, Python, SQL, C++
Web Technologies	: HTML, CSS, RESTful API, React.js, Spring MVC, AJAX, Bootstrap.
Databases	: MySQL, SQL Server.
Cloud Technologies	: Amazon Web Services (AWS).
Tools/Methodologies	: Agile Methodologies, Git, GitHub, Postman, JIRA.

WORK EXPERIENCE

Programmer Analyst, Meditab Software Pvt. Ltd., India   **Oct 2020 – July 2021**
- ➢ Added Access-based rules to an existing C# application, Access-based rules to restrict clients from using a set of services.
- ➢ Converted Member, Patient, Claim Data into an EDI format Document and transfer that using File Transfer Protocol.
- ➢ Created scripts and algorithms for product enhancement and bug fixes, which resulted in a **10%** increase in the performance of the software.

Java Developer Intern, Croods Consolidates Pvt. Ltd., India   **Jan 2020 – March 2020**
- ➢ Programmed applications and modules using Java and JavaScript with a goal to achieve code abstraction, stability, and reuse.
- ➢ Participated in a team-oriented environment for all aspects of product development (design, implementation, test, and maintenance).

PROJECTS

Simulation of LinkedIn, CSUN   **Sep 2021 – Dec 2021**
Technologies: ReactJs, NodeJs, ExpressJs, MongoDB, MySQL, Apache Kafka, passportJs, Bootstrap, AWS Hosting, GIT.
- ➢ Simulated services of Job portal, such as Job Search and Apply, Job Posting, User profile, Connections and Messaging.
- ➢ Integrated with Apache Kafka messaging queue and GraphDB (Neo4j) for scalable performance and maintaining relationship between users.
- ➢ Performed Mocha with Chai for Unit Testing, **JMeter with 1000 products for performance testing**, results with **20% low latency** than a conventional website and **30% more scalable** than a conventional website.

VRBO (Vacation Rentals by Owner) Prototype,   **Jan 2021 – March 2021**
Technologies: ReactJs, NodeJs, Redux, Apache Kafka, GraphQL, Apollo Server, AWS Services, MLab, bcrypt, GIT
- ➢ Developed an marketplace that let the host to rent out their unused properties and guests can search for lodging options using filters, based on NodeJs with ExpressJs, NoSQL database, and React-Redux framework, hosted on AWS Cloud.
- ➢ Secured web application using bcrypt for hashing the user password and **passportJs JWT Strategy** for route authentication.
- ➢ Obtained Insight, GraphQL increases performance as it sends a limited byte of data, only the information needed over a network solves problem like **underfetching** and **overfetching.**

Term Loan Subscription,   **Jan 2021 – March 2021**
Technologies: Python (Libraries: Pandas, Numpy, Seaborn, Matplotlib)
- ➢ Build a Predictive model that can predict whether the customer will subscribe to the term loan or not based on the multiple factors.

EDUCATION

Master of Science in Computer Science,   **(Expected Graduation) Aug 2021 – May 2023**
California State University (CSUN), Northridge, Los Angeles, CA

Bachelor of Engineering in Information Technology,   **Aug 2016 – June 2020**
LDRP Institute of Technology and Research, Gandhinagar, GJ

Relevant Coursework: Data Structures and Algorithm, Advanced Web Technology, Object Oriented Programming, Java Programming, Data Science, Machine Learning, Distributed Systems, Operating System.