HARSHIL PATEL

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An enthusiastic undergraduate student with a professional and positive attitude. Previous work experience utilizing Java, Python, C#, PHP, JavaScript, and Databases in a professional setting. Effectively utilizes knowledge to both grow and evolve independently and collaboratively. A solid understanding of modern technologies, user requirements and business needs. A keen learner with the ability to assess risks and conduct tests. Passionate about software and application development.

Skills

Programming Languages: Java, JUnit, Python, C/C++, C#, JavaScript, Node.js, HTML, CSS, PHP, MySQL, Selenium, PowerShell, VMware administration

Software Skills: Docker, Git, Unity3D, PyCharm, IntelliJ, Spim Editor, VS Code, Linux, Eclipse, Advance Microsoft office, CLI, DBMS, IDE's, VCS, Networking, Cloud Computing, Web Apps, Office 365

Concepts: Agile, Scrum, Test-Driven Development, Object-Oriented Programming, MVC Architecture, Data Structures and Algorithms, Unit Testing, Quality Analysis, User Interface Development, Debugging, Software Development Life Cycle, Networking and Connectivity

Strong Communication and Interpersonal Skills, Adaptive, Organizational skills, Multitasking, Collaborative, Customer Experience, Time Management, Persistent problem solver, Inquisitive nature to drive improvements and strong attention to details with high level of accuracy.

Work Experience

Backend Developer   December 2019 – December 2020
VS Technology Ahmedabad, India

- Built libraries and reusable code. Collaborated with various teams to establish rules and patterns for backend development. Designed, developed, and tested large software systems. Proven expertise in implementing new features and services.
- Used Python and Java for language requirements, Git and GitHub as VCS, and JUnit for unit testing. Experienced learning with Kubernetes. Communicated with seniors and team members to update progress on systems and projects.
- Project management and analysis of various tasks involved in developing and maintaining apps. Identified risks and implement effective security policies. Thoroughly maintained and evolved the software's infrastructure. Collaborated with other developers and testers to develop effective software solutions.
- Proved ability to work on multiple projects and tasks with setting priorities.

Retail Merchandising Technician   December 2021 – Present
Mobile Technologies Inc. Saskatoon, SK

- Troubleshoot, install, and merchandise interactive consumer electronic displays and devices within retail locations.
- Responsibly builds and installs displays, end caps, fixtures, planogram resets, and break-fix repairs.
- Keeps customers' systems running smooth and efficiently by setting up internal computer hardware and performing tests and evaluations of software and hardware.
- Train retail staff for preventative maintenance, thereby boosting sales by 10%.

Projects

Online Voting System – Creator
- An online portal for a voting system for users to access it from anywhere and admins can administer it. Developed using HTML5, JavaScript, PHP, MYSQL, jQuery, CSS3, Apache server. Led a team of 2 developers. Developed test plans, and code reviews.

Hospital Management System - Creator
- An interactive program that operates on the terminal as well as in GUI-based dialogues. Courtesy desk of the hospital can use this to record admissions, track, and add-release patients, doctors, etc. Developed personally with JAVA using object-oriented development.

One Man Army – Creator
- A dungeon-based game developed in Unity2D using C# for an audience of any age. Follows the principles of procedural content generation, axonometric views, A* pathfinding, and game systems. Lead a team of 6 developers within the span of 4 months with a continuous integration model.

VEGETAP: Food Delivery App – Creator
- A creative app designed and built for iOS and Android platforms coded in DART/Flutter known as VEGETAP-A vegan marketplace. Firebase was utilized for google sign-in and apple sign-in options. As well as google payment partner and maps. Built using an agile process with weekly scrum meetings in a team of 3 members. Went through the software design and development process. Applied the knowledge of object-oriented programming and test-driven development for the betterment of user experience. QA testing, maintenance, and reporting following the software development lifecycle.
- To generate new ideas, I thoroughly explored, pursued, and predicted designs. Later, company-level content and scrum procedures were implemented, resulting in improved workflow and higher quality design production.

Education

Bachelor of Science, Computer Science 4th Year   January 2020 – Present
University of Saskatchewan, Saskatoon
       Minor: Mathematics
       Expected Graduation: 2023

Certificates

Google Ads Display Certification   January 2021
- Mastery of the fundamentals of developing and optimizing effective Google Display Campaigns.

Google Data Analytics Professional Certification
- Mastery of the practices and processes of data analysts used on an everyday basis.

Volunteering

BAPS Charities   January 2020 – Present
- Participating in Food Drives, community gatherings, activities, walkathons, etc. organized by BAPS Charities that allows individuals and families to come together to provide support for those that are less fortunate.

Reference: Available Upon Request