Devam Patel

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3rd year Computer Science student, skilled problem solver experienced in team-based software projects applying agile practices, writing good code design and efficient code. Committed to learning new software technologies and best practices to be able to design and deploy high quality software.

Education:

Bachelor of Science in Computer Science   Present
University of Saskatchewan, Saskatoon, Saskatchewan

- **Overall average: 85%**
- **Related coursework:** Implementation of GUI, Software Management, Intermediate Software Engineering, Cloud and Mobile Computing, Algorithm Design Analysis and Correctness, Operating Systems Concepts, Computer Networks, Full Stack Web Programming

Technical Skills:

- **Programming Languages** (C, Java, C#, Python)
- **Web development** (NodeJS, HTML, CSS, React, JavaScript/TypeScript)
- **Frameworks** (JavaFX, Express, Jest)
- **Databases** (MySQL, MongoDB, CouchDB)
- **Tools** (Microsoft Power BI, Git, Make, Vim, GDB, Postman, Docker, GitHub Actions)

Projects:

CASI survey app, *University of Saskatchewan*   April 2024

- Veterinarians Survey conducting mobile application developed with a team of 11 members following agile methodology using **React native library**, **Express framework**, **My SQL** database, and **Jest** for automated testing.
- Contributed as a build master developing the CI pipeline using GitHub actions which led to automated testing on merge requests resulting in 30% increase in testing efficiency.
- Contributed as a developer in all stages of the V-model from gathering requirements, deciding architecture, creating high, medium and low-level design, implementing prototypes to validate design and get stakeholder feedback, and implementing some of the core backend APIs.
- Contributed as a tester in all stages of the V-model from performing unit tests to acceptance test to validate everything from low-level implementation to requirements.
- Source code: https://github.com/UniversityOfSaskatchewanCMPT371/term-project-2024-team-1

My wellness buddy app, *University of Saskatchewan*   November 2023

- Healthy meal generation mobile application developed with a team of 6 members using **React native library**, **Express framework,** and **MongoDB** database.
- Led backend team managing task distribution, and knowledge sharing among the backend team members which led to successful delivery of valuable software to the stakeholder each sprint.
- Designed and developed backend logic based on the application use-case and front-end needs.
- Managed testing of backend codebase by unit testing of backend logic, manual integration and system testing and regression testing after code changes.
- Source code: https://github.com/devamp05/My-wellness-buddy-app

Certifications:

- Microsoft Azure Fundamentals (AZ-900) (in progress)

Coding Profiles:

- GitHub: github.com/devamp05
- LeetCode: leetcode.com/devam05/