SAAD SHAHID

4th Year Computer Science Student at UBC
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SKILLS SUMMARY

- Full-stack web development MERN stack
- Programming languages: Java, JavaScript, C++, C, TypeScript
- Testing frameworks: Mocha, Chai (for JavaScript & TypeScript) Junit (for Java)
- Ability to work with CLI and Git systems. Comfortable in using Mac, Windows, and Linux.

PROJECTS

StreamBuddy

- A search engine that recommends Netflix movies to users based on their search criteria.
- Built using MERN stack. Material UI used for styling React frontend. Deployed on Salesforce – Heroku Cloud with CI/CD implementation using GitHub Actions.
- Developed in collaboration with a team of 5 developers.

Insight UBC

- A full stack web app and query engine developed using Typescript and Node.js backend. JavaScript, HTML, and CSS frontend.
- Software testing carried out using Chai and Mocha.

Personal Website

- Developed using HTML, Bootstrap CSS and JavaScript.

Quiz Desktop App

- A desktop application that quizzes the user on their knowledge of Rock Music.
- Developed using Java with consideration of SOLID principles of Object-Oriented Programming.
- Unit testing was carried out using JUnit.

HACKATHONS

nWHacks 2020:

- Developed a Flight Reward Calculator web app using React frontend and Node.js backend.

GFN Hackathon 2020 (runners up)

- Developed Pokémon Rock, Paper, Scissor game using Java

EDUCATION

Bachelor of Computer Science Sep 2019 - In progress
University of British Columbia

EXPERIENCE

Engineer (Petroleum Production) Jun 2015 – Jul 2019
Pakistan Petroleum Limited – Pakistan

PROFESSIONAL ATTRIBUTES

Leadership

- Managed on-ground maintenance operations at an oil & gas field with 110 wells by effectively communicating and discussing job programs with a team of 6 engineers.
- Mentored entry-level engineers and interns by assigning them real tasks and providing feedback to motivate them for pursuing continuous professional excellence.

Teamwork

- Initiated weekly knowledge sharing/lesson learned sessions where team members shared their experiences & technical challenges contributing to improving equipment reliability by 17%.

Problem Solving Approach

- Developed basic maintenance guidelines for field workers using pictorial descriptions to result in improvement in training effectiveness and contributing to a 17% increase in equipment reliability.