POURUSH SHRESTHA

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SUMMARY

- 2 plus years of experience as a Software Engineer working in all phases of Software Development Life Cycle.
- Technically strong in Web development (full stack) with an ability to write high-quality maintainable code.
- Ability to write quality documentation, article, use cases, user stories and technical specification.

EXPERIENCE

Software Engineer I, Axxess, Dallas, TX   **November 2019-March 2020**

- Lead a team of 2 SDE Interns to build Hospice application.
- Increased 30% client growth in using the product through addition of new features.
- Refactored the code to program to an interface, making the codebase clean and improving performance.
- Helped team achieve 80% automated test coverage using a combination of unit tests.
- Followed MVVM pattern to write well designed, testable and efficient code to develop the application.
- Incorporated concepts of caching, local storage, sentry and many other important concepts in the application.

Graduate Assistant, DEPARTMENT OF COMPUTING SCIENCES, Villanova, PA   **August 2017-May 2019**

- Built a Super Heterodyne Receiver Simulation Software for educational purposes for Astronomy Department.
- Tutored more than 55 students in Algorithms and Data Structures, Web Development and Architecture Design.

Software Engineer, SEELOGIC INTERNATIONAL, Nepal   **February 2017-August 2017**

- Discovered a toolbox named XRM for project solutions which increased development team efficiency by 20%.
- Improved case solving ratio of the company by 2 times solving 10 cases per week.

Software Engineer Intern, CG ELECTRONICS, Nepal   **October 2015-March 2016**

- Developed a web-based product using MVC pattern to track the retailer businesses having CG mobiles.
- Worked in a small, agile team, testing, debugging and successfully delivering project with high quality on time.

PROJECTS

Personal Portfolio: https://pourush1.github.io/MyPortfolio/ (for additional information and projects)

Premier League Soccer

- Developed a full-stack soccer application all the way from the requirement phase to the deployment phase.
- Used React to develop as well as developed the registration, login screens and flows against a RESTFUL API that returned a JSON payload

Smart-Brain

- Built a full web-based project where you can detect the face of a human image with the help of a CLARIFAI API.
- Deployed all major components frontend, backend and application in Heroku.

Robo-App

- Built a Robot application using React where you can find the details of the robot you search.
- Used Robohash and JSONPlaceholder RESTFUL API to fetch data and display it in the UI.
- Added Unit, Integration, Component and Regression testing in the application.

Super Heterodyne Receiver Simulation Software

- Built a software for Astronomy department which was used to analyze the incoming signals behavior.
- Implemented the software using JavaScript/jQuery and some external libraries.

EDUCATION

Master of Science in Software Engineering – Villanova University (G.P.A 3.74)   May 2020 (Graduating)
Bachelor's Degree in Electronics & Communication Engineering - Tribhuvan University   September 2015

SKILLS

- **Languages**: (*proficient*): JavaScript, Typescript, Node.js, HTML/CSS (*familiar*): Java, Python, C#, SQL.
- **Frameworks:** (*proficient*): React.js, Aurelia.js, jQuery, Bootstrap, Express (*familiar*): Spring.
- **Tools:** (*proficient*)**:** Git, GitHub, HTTP, RESTFUL APIs (*familiar*): Jenkins, Heroku, AWS.
- **Hard Skills:** Quality Assurance (QA), Testing, Prototype (Framer).