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CAREER OBJECTIVE

Seeking a career in an esteemed organization, where I can enhance my learning, quality assurance, program development and training experience. To contribute to the productivity of the organization by harnessing my analytical, reasoning skills as well as my strong interpersonal and management skills.

TECHNICAL SKILLS

- Scripting language: **JavaScript, TypeScript**
- Web Technology: **HTML5, CSS3, Wordpress, JQuery** and **Bootstrap**
- Knowledge in writing API endpoints in **TypeScript**.
- Experience with **GraphQL**
- Knowledge of a **CSS** preprocessor- **SCSS/SASS**.
- Hands-on experience with **Front-End** Framework using **React**.
- Continuous Integration Tools: **Jenkins, GitLab**
- IDE: **Visual Studio, Eclipse, Text Editor(Notepad++)**
- Database: **MongoDB, MySQL, SQL**
- Concepts: **Design Pattern, DFD's, Agile** and **Kanban** Software Development Methodologies
- **PCF**(Cloud Services), **New Relic**(Application Monitoring), **Postman**(API Development Environment)
- Platform: **Windows, Linux**

EDUCATION

Master of Software Engineering- Computer Science Engineering

December 2017

Concordia University, Montreal, Quebec

- **Relevant Courses:** System Requirement Specification, Software Design Methodologies, Software Project Management, Software Engineering Processes, Software Comprehension and Maintenance, Software Quality Assurance, Software Measurement

Bachelor of Engineering - Computer Science

August 2015

Punjab Technical University, Punjab, India

- **Relevant Courses:** Object Oriented Programming, Database Management System, Software Engineering, Operating Systems, Formal Languages and Theory, System Analysis and Design.

PROFESSIONAL EXPERIENCE

Manulife - Montreal, Quebec

June 2018 – June 2019

Responsibilities

- Experience working in **Agile and Kanban** methodologies.
- Collaborate and Communicate with 9 team members from requirement definition to accomplish business goals.
- Documenting and managing bug reports, tickets and code changes.
- Participates in product development in all stages including planning, design, development, testing, implementation and post deployment support.
- Built scalable **APIs** using **TypeScript** and **GraphQL**; secured APIs through authorization.
- Contributed in **Continuous Integration(CI)** and **Continuous Deployment** by making pull requests using **GitLab** and **Jenkins**.
- Boosted code coverage to more than 85% by writing unit test in **Jest, Cucumber** and **Gulp** to save development efforts.
- Managed code revision history using **GitLab**.
- Used **JIRA** boards to manage Sprint tasks.

- Designed reusable User Interface components in **React** and **Typescript**; managed application state using **Redux**.
- Testing to identify bugs and technical issues before and after deployment.

**Industrial Training in Indian Technologies, Internship
Chandigarh, India**

January 2015 to May 2015

- Created a communication channel within the company for employees to share their ideas, doubts and problems related to a project or work.
- Improved coding of HTML5, CSS and JavaScript to enhance functionality.
- Performed weekly assessments and involved in the life cycle of application including analysis, designing, development and testing.
- Perform quality assurance tests and code reviews for new and existing web applications for the purposes of error detection, debugging and improving application performance.
- Tools used: **HTML, CSS, ASP.NET** and **SQL**.

ACADEMIC PROJECTS

Pig Dice Game

July 2019 – August 2019

- Created a document object model (DOM) dice game in which a player rolls a dice as many times as the user wants and able to set the final score via front end user interface and each result get added to ROUND score.
- The player can choose to Hold, which means that his ROUND score gets added to user GLOBAL score.
- The first player to reach 100 points on GLOBAL score wins the game.
- Tools used: **HTML5, CSS3** and **JavaScript**.

Student Information System, Concordia University

September 2017 – December 2017

- Using Java Programming, Implemented and deployed a web application for a Student Information System.
- Performed **SQL** Database backup and maintained the documents and create reports.
- Tools used: **HTML5, CSS3**, and **JavaScript** for Front-end and user interactions.

Social Network Portal, Punjab Technical University

June 2013 – July 2013

- Participated in **SDLC** including Analysis, Design, Implementation, Testing and Maintenance of PHP applications.
- Portal allows users to create small communication, email and message transfer using concept of PHP like session, class, inheritance and polymorphism.
- Tools used: **HTML, CSS, WordPress** and **MySQL, JavaScript, JQuery, PHP**.

EXTRA CO-CURRICULAR ACTIVITIES

- Invigilation during exams in Concordia University.
- Open House Volunteer for Concordia University.
- Volunteer in assembling International Student Press Kit, Concordia University.
- Organizer in Technical Fest in Punjab University, 2013-14.