

Birdevinder Singh

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CAREER OVERVIEW

Extremely passionate towards software architecture and design combined with sensitivity to serve the needs of the business with proper delivery of high quality solution.

TECHNICAL SKILLS

- **Markup Language:** HTML, HTML5, CSS, CSS3, JavaScript and jQuery
- **CMS:** WordPress
- **Framework:** Bootstrap 3, Bootstrap 4, **React** and jQuery UI
- **Server Technologies:** Node.js, Apache, WAMP
- **Version Management:** Git, Github
- **Operating System:** Windows, Linux
- **IDE:** WebStorm, Visual Studio Code, Sublime Text, Bracket, Eclipse
- **Database:** MongoDB , MySQL , SQL
- **Continuous Integration Tools:** Jenkins, GitLab
- Knowledge of a CSS preprocessor- **SCSS/SASS** and Knowledge of **GraphQL**
- Concepts: **Design Pattern**, **DFD's**, **Agile** and **Kanban** Software Development Methodologies.
- PCF (**Cloud Services**), New Relic (**Application Monitoring**), Postman (**API Development Environment**)

WORK EXPERIENCE

FDM Academy, Toronto

June 2018 - October 2018

Completed training of Java Developer program using various program modules. Practical experience on projects in different programming languages:

- UNIX, SQL, PL/SQL , JUnit, TDD and Object Oriented Principles
- Java Core Fundamentals(log4j, Mockito, Maven)
- Web Development(HTML,CSS,XML)
- Data Access using JDBC, JPA, Java Web Applications on Tomcat(Servlets and JSP), Spring Framework(Core)

Manulife - Montreal, Quebec

October 2018 – June 2019

Responsibilities

- Participates in product development in all stages which includes planning, design, development, testing, implementation and post deployment support.
- Experience working in Agile and Kanban methodologies by using JIRA board to manage Spring tasks
- Collaborate and Communicate with 9 team members from requirement gathering to accomplish business goals which helps in documenting and managing bug reports, tickets and code changes.
- Built scalable API s using TypeScript and GraphQL.
- Contributed in Continuous Integration(CI) and Continuous Deployment by making pull requests using GitLab and Jenkins and Managed code revision history using GitLab
- Boosted code coverage to more than 85% by writing unit test in Jest , Cucumber and Gulp to save development efforts, designed reusable User Interface components in React and Typescript using Redux and 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 for company 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.

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.

Student Information System, Concordia University 2017

September 2017 – December

- 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 .

EDUCATION

Master of Software Engineering-Computer Science Engineering Concordia University, Montreal, Quebec

December 2017

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

Bachelor of Engineering- Computer Science Punjab Technical University, Punjab, India

August 2015

- **Courses:** Object Oriented Programming, Database Management System, Operating System, Software Engineering, Relational Database Management.

PORTFOLIO, PROFILE

- veerdavinder.github.io/
- github.com/Veerdavinder

CERTIFICATION

September 2019 - November 2019

- HTML5 and CSS3 Fundamentals, ES6 JavaScript
- JavaScript for beginners, Object Oriented Programming with JavaScript
- NodeJS application with MongoDB, Vue.js 2 Basics

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.