

Deeksha

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English
Hindi
Punjabi

FULL STACK DEVELOPER

Profile

I have concluded my comprehensive studies in Computer science and Web Development which has imparted me with all the skills required to venture into the work field. I am organized, reliable, autonomous person with a strong sense of creativity and optimism. I am a keen learner, open minded person who likes to acquire and utilize new knowledge to overcome challenges.

Technical Skills

Programming Languages	C/C++, C#, Java, JavaScript, PHP
Structuring Languages	HTML5, SASS, CSS3, XML
Software	AdobeXD, Corel, Photoshop, Putty
Libraries and Framework	React, Vue.js, Java Swing, JSP, Servlets, Spring
Database	MySQL, SQLite, PostgreSQL, Firebase
IDE	Nodejs, Visual Studio, VS Code, NetBeans, Eclipse, IntelliJ,
Design Methodology	MVC, Singleton
Version Control	Git Hub, Git Bash
HTTP Servers	Apache Tomcat
Operating Systems	Linux, Windows 7,8,10, Xp,

Education

Programming and Web Technology, Attestation of College Studies

2019 – 2021

Institut Supérieur d'Informatique - Montreal

Computer Science and Engineering, Bachelor's Degree

2014 – 2018

Guru Nanak Dev University – India

Projects

J2EE | Battleship Game Application

<https://github.com/deekshadeeksha/BattleshipGame.git>

- 2D platform game created using Swing library.
- Dynamic menu lets user choose its opponent either human or computer
- Separation of concerns using MVC software design pattern.
- UI that lets user interact with buttons and play game resulting in loss or win.
- Ships are randomly relocated at the beginning of each game.

React, Node.js | Playlist Website

<https://github.com/deekshadeeksha/DiscogAPI.git>

- Website developed for music playlist creation, where user can search for a song and add it to the playlist and modify that playlist.
- Node used to handle API services, in the project for music discog API was used.
- REST used on the server side to connect client with server with HTTP standard methods.
- React used to create interactive UI displaying the music gathered from API and also from the database
- Part of a three-programmer team where my part involved REST, node and database handling.

Android | Learning Application for kids

<https://github.com/deekshadeeksha/LearningApp.git>

- Application developed for kids needs to enhance their learning and cognitive ability.
- Extensive and interactive UI with colors and graphics pertaining to young minds
- Different levels provided for different levels of learning.
- Involves small games like puzzles and matching

J2EE | E - Commerce Web Application

- Shopping website created using various libraries of Java like Swing, Awt and Hibernate.
- Has connection to MySQL database.
- Contains three basic divisions – user, admin and seller.
- The various elements displayed picked directly from database making it dynamic with editing rights to admin.
- The data collected about purchase, sales, inventory, user and seller record kept and stored in database and can be edited as necessary from the front end.
- Part of a three-programmer team, where my part involved handling user and admin divisions.

Java, HTML, CSS | Book E – Shop

<https://github.com/deekshadeeksha/BookShop.git>

- Web Application for selling books online and searching for books in the google libraries.
- Designed using HTML, CSS and JavaScript .
- Back end designed using various Java libraries and MySQL database used for storage and with MVC software design pattern.
- Google API used to create a library feature for user to search books and add them to database.

HTML, CSS | Health Lifestyle Website Design

<https://github.com/deekshadeeksha/Health-Taste.git>

- A website designed focusing on healthy lifestyle and keto diet.
- Design involved the use of both CSS and SASS.
- Varied features of CSS like selectors, flex box, animation, layouts, graphic effects used to create four-page website.

Professional Experience

Junior Software Developer

February 2021 – August 2021

McGill University – Montreal

- Created modules of a web application for the use of researchers with front-end in **Vue.js** and back-end linking to **Firebase** involving creating forms, card views, lists, fetching, inserting and displaying data from database to track the activities of patients and physicians.
- Fixing the web application setup for tracking Glucose levels on **Heroku** and establishing the connection to **MongoDB** atlas and adding more features to web application developed in **React.js**.
- Involved in creating unit tests for android application using Java and Kotlin.

Call Center Agent

January 2020 – March 2020

IOS – Montreal

- Worked as sales agent, involved meeting targets and reaching goals
- Involved communicating through calls with clients.

IELTS, Aptitude Test Trainer

October 2018 – November 2018

Lally Infosys – India

- Worked as a Trainer helping students prepare for IELTS test which included speaking, writing, and reading skills in English.
- Helped students building their strengths for aptitude test including mathematics, logical reasoning and verbal reasoning skills.

Volunteer Experience

Member of Leo Club

September 2017 – September 2018

Lions Club International – India

- Worked along with junior members of the club to organize blood camps.
- Distributing stationery items to needy students in schools.
- Organizing eye checkup camps.

References available on request.