DIVYANSHU DUGAR

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SKILLS

Technical Languages	C, C++, Java, Python, JavaScript, HTML5, CSS3, SQL, MongoDB
Libraries and Frameworks	React, Bootstrap, Tailwind CSS, Express (Node.js)
Development Tools	Git, GitHub, Jira
Software Concepts	OOP, OS, DBMS, Testing and Debugging, REST API
Design and IDE Tools	MS Office, Figma, MS Visual Studio, MS Visual Code

EDUCATION

Computer Programming and Analysis - Seneca Polytechnic   *CGPA: 4.0 | 2024*

PROJECTS

Android Application - Front Benchers

- Designed and implemented over 200 Java coding problems and solutions, structured by topic and difficulty for efficient learning progression.
- Each program is accompanied by easy-to-understand solutions, aiding comprehension for learners at various skill levels.
- Created video solutions for approximately 50 problems, available on YouTube in Hindi, to cater to a wider audience.
- The application is now live on the Google Play Store, providing accessible and comprehensive support for students diving into programming.
- Hundreds of students have been assisted in understanding fundamental programming problems as beginners, with logical development being emphasized.

Personal Portfolio Website

- Designed and developed a dynamic portfolio website from scratch using the MERN stack (MongoDB, Express.js, React.js, and Node.js)
- Implemented modern web development principles for a responsive, visually appealing interface with seamless user interactions.

Nike Database

- Implemented the knowledge of **DBMS** and **Data Development Life Cycle (DDLC)** in an attempt to create a mini-project, aiming to establish a database for Nike Canada using Oracle SQL.

EXPERIENCE

Supplemental Instruction (SI) Leader
Seneca Polytechnic | August 2024 – December 2024

- Led group study sessions, reinforcing core concepts and enhancing student understanding.
- Developed and executed session plans aligned with the curriculum.
- Created an inclusive environment, promoting collaborative learning and critical thinking.
- Provided personalized academic support, addressing student-specific challenges.

INTERESTS AND ACTIVITIES

Teaching and Content Creation

- Regularly sharing tech knowledge through engaging blogs, short articles, social media posts.
- I enjoy creating YouTube videos focusing on solving various programming problems in Java.