

Deepak B G

Male

Student, Dayananda Sagar University

Currently pursuing a B.Tech program in Computer Science at Dayananda Sagar University, where my coursework has consistently reflected my commitment to excellence. I have a demonstrated ability to analyze complex problems and a strong drive to acquire and apply new knowledge. I look forward to applying these skills in practical settings.

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📞 9741273500, 9448713918

📅 16 October, 2002

🐙 github.com/Deepak-B-G

EDUCATION

Bachelor of Technology

Dayananda Sagar University, Bengaluru CGPA - 8.12

11/2020 - 06/2024

Courses

- Computer Science and Technology

INTERMEDIATE

Sri Chaitanya Techno School, Bengaluru, 82%

06/2018 - 08/2020

Courses

- Physics
- Chemistry
- Mathematics
- Biology

MATRICULATION

The Jain International School, Bangarpet, 78%

07/2017 - 05/2018

PERSONAL PROJECTS

Arthritis Diagnosis with Convolutional Neural Network Technology (10/2022 - 12/2022)

- Developed an advanced Convolutional Neural Network model for arthritis detection in medical images, curating a diverse dataset with 5 severity levels (normal, doubt, mild, moderate, severe).
- The model, trained for 100 epochs on an 80-20 split, demonstrated an impressive 97% accuracy in classifying arthritis cases during testing, significantly enhancing patient outcomes.

Real-Time Weather Updates Application (06/2023 - 06/2023)

- The user interface, developed with React.js and optimized for performance through strategic CSS styling, achieved a notable 20% reduction in load times, enhancing page responsiveness.
- Utilized AWS S3 for high availability and reliability in hosting the application, while seamlessly integrating the OpenWeather API to present weather data based on user input.

ATM Machine Prototype in Python with Twilio Messaging Integration (11/2021 - 12/2021)

- Implemented core banking functionalities such as account balance inquiries and cash withdrawals, establishing the basis for a user-friendly financial system. Leveraged Twilio's Python library to send over 500 SMS notifications to users for transaction updates, account balance alerts.

Creation of an Airlines Website Using HTML, CSS, JavaScript, and PHP (04/2022 - 06/2022)

- An airline website was developed using HTML, CSS, and JavaScript, catering to a user group of 10 individuals.
- Integrated PHP for real-time booking and interactive features, while configuring the XAMPP server environment facilitated smooth deployment and hosting, benefiting 10 users.

SKILLS

C

Python

HTML

CSS

Java

SQL

JavaScript

React JS

Git

GitHub

AWS

WORKSHOPS

Industrial IOT

Tableau Bootcamp by Skill Lync

Innovation, Patent Drafting and Startups

CERTIFICATES

MySQL Database Development Mastery (07/2022 - 07/2022)

MySQL Database Development Mastery is a 2-week course offered by the Udemy.

Big Data Computing (08/2022 - 10/2022)

A course on Big data offered by NPTEL Platform.

Tableau by Skill lync (02/2023 - 02/2023)

Workshop offered by Skill lync on understanding and working of Tableau.

Data Engineering (03/2023 - 03/2023)

Data Engineering professional in Rapid Miner.

LANGUAGES

English

Full Professional Proficiency

Hindi

Full Professional Proficiency

Kannada

Full Professional Proficiency

Telugu

Native or Bilingual Proficiency

Tamil

Professional Working Proficiency

INTERESTS

Programming

Chess

Reading Books