AKASH DEEP

SOFTWARE ENGINEER

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Phagwara, Punjab

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SUMMARY

Aspiring Software Developer proficient in Object-Oriented Programming, HTML, CSS, JavaScript, and Java/C++ languages. Strong problem-solving skills and excellent leadership, communication, and interpersonal abilities.

TECHNICAL SKILLS

Programming languages:

JAVA, JAVASCRIPT, PYTHON, C++

Web Technologies:

HTML5, CSS, Spring Boot

Data Management:

MySQL

Tools:
GitHub, VSCode, Google Colab, Jupyter Notebook

CERTIFICATIONS

- Java Full Stack Course | Cipher Schools | Jan '23
- DSA Training |Geeks for Geeks| July'22

POWER SKILLS

- Problem-Solving
- Team Player
- Quick-witted
- Creative
- Honest

EXTRA CURRICULAR ACTIVITIES

- SCSE Coordinator | Jan'22
- One India Winner (1st Prize) | Dec'22

TRAINING

DSA Training | Geeks for Geeks   May'22

- Gained hands-on experience in developing, implementing, and maintaining internal software applications
- Learnt different data structure and algorithms that has improved my Problem-Solving Skills to solve complex DSA Problems and competitive
- Made projects using different algorithms and learned how to optimize the solutions

PROJECTS

Wall Following Robot Navigation Data   March'23

- Domain: Machine Learning | Programming Languages: Python
  - Build a model using classification models like logistic regression, KNN, and Naïve Bayes to find the best model
  - Used classification models to test the accuracy of models
  - Utilized linear regression models and data preprocessing techniques to compare different models' accuracy.

Link: **2001akash/Wall-Following-Robot-Navigation-Data (github.com)**

Blood Donor   Feb'23

- Domain: Web Application| Programming Languages: Java, Html, Spring Boot
  - Constructed an application using localhost to find available different blood groups
  - Develop features for the application and used postman service to fetch user input using localhost
  - Created HTML, BootStrap, JSON, and JSP pages for user interaction

Link: **2001akash/Blood-Donor (github.com)**

Sudoku Solver   Nov'22

- Domain: Web Application | Programming Languages: C++
  - An application service using C++ to fill an n- square grid
  - Used a backtracking algorithm to find all possible solution
  - Used recursion to solve the problem by finding next empty cell

Link: **2001akash/sudoku_solver (github.com)**

ACHIEVEMENTS

- 5 Star Coder in C++ at Hacker Rank   Jan'22
- Solved more than 200 DSA Questions on the Geeks for Geeks platform   Jul'22

EDUCATION

B.Tech. in Computer Science   Apr '20 - Present

Lovely Professional University | Phagwara, IN

CGPA 7.51

Higher Secondary   Feb '19 - Mar '20

St. Joseph's School | Bihar, IN

Percentage 81%