HARDEEP KAUR

CONTACT

💻 www.hardeepkaur.me

📞 **9752083332**

✉ hardeepkaur.0598@gmail.com

- **Bhilai, Chhattisgarh (490023)**
- **LinkedIn:** hardeepkaur0598
- **GitHub :** hardeep0598

KEY STRENGTHS

• Design and Implementation of Object Oriented automation frameworks, libraries & Tools using Java.
• Experience in all stages of Software Development Life Cycle (SLDA).
• Solid Leadership skills proven by leading internal teams & initiatives by code quality improvement.
• Constant drive for self-development, learning new languages, technologies, and code design principles.

KEY SKILLS

- **Data Structures & Algorithms**
- **Object Oriented Concepts,**
- **Networking & Relational Databases**
- **MS SQL Server, Oracle, PL/SQL**
- **C/C++,**
- **Java** (Spring, SpringBoot, JSON, Collections)
- **Python** (NumPy, Pandas)
- **HTML5, CSS3**
- **Git, Visual Studio, MS Office, NetBeans, PyCharm, Eclipse.**
- **Windows & UNIX.**

COURSEWORK

- Object Oriented Programming
- Data Structures
- Algorithm Design & Analysis
- Operating Systems
- Computer Networks
- Database Management System
- Compiler Design

FIND ME ONLINE

- **HackerEarth**: hardeep40
- **Codechef**:   hardeepkaur
- **Codeforces**:   hardeep_0598
- **Hackerrank**: hardeepkaur_0598
- **LeetCode:**   hardeep0598

EDUCATION

Course	Institution	Duration	Grade
B.E. (Computer Science)	Rungta College of Engineering & Technology	2017 - 2021	8.92 CPI
12th Standard (CBSE)	Krishna Public School	2016 - 2017	80%
10th Standard (CBSE)	Mar Baselios Vidya Bhawan	2014 - 2015	8.4 CGPA

VOLUNTEER & WORK-EXPERIENCE

Mentor - Girl Script, Ireland | (Aug 2020 – Sept, 2020)
• Served as a peer mentor for 15+ first year students from India, Kazakhstan, Ireland, Mexico etc.
• Took sessions on various gaming projects & conducted weekly doubt sessions.
• Facilitated group discussions on Git, GitHub, Java Programming & OOPS Concepts.

Microsoft Student Partner | (Aug 2020 – Present)
• Drove usage of Microsoft technologies & programs to students on the college campus
• Held workshops to train students in Data Science & Microsoft Azure.
• Built awareness on Data Science & cloud computing in campus

Campus Ambassador, Coding Blocks | (July 2020 – Present)
• Representative of placement cell of our college.
• Promoting Coding Blocks courses, events & bootcamps on social media & on-campus.
• Conducting various workshops, webinars & online hackathons for college campus.
• Managed Several Programming contests on HackerBlocks- the online platform of Coding Blocks.

Software Developer Intern - BDS College, Bhilai | (May 2020 – June 2020)
(Affiliated to: AISECT- All India Society for Electronics & Computer Technology)
• Part of the E-Learning Software Building Team- Worked on specific features such as customizable academic calendar and time-table generator.
• Extended Application's functionality by to support communication for instant information and notification access facility for students & parents.

ACADEMIC & PERSONAL PROJECTS

• **Genetic Algorithm Implementation** – **(Aug 2020- Present)** Programmed a genetic algorithm in Java that takes an image as input & approximates the image using circles/rectangles of different dimensions & colors.
• **COVID-19 Tracker (March 2020 - April 2020)** Developed a Java Software using web-scraping with JSOUP in Spring Framework to keep track of count of COVID-cases all over the world.
• **HM Media Player (Jan 2020 – Feb 2020)** Built a media player in java that can play both audio & video files with a time bar, option to increase/decrease the volume, display the lyrics of audio files, create and manage songs in a playlist.
• **Sudoku Solver** - **(Nov 2019- Dec 2019)** Developed a Sudoku puzzle solver using Back-tracking algorithm. It includes GUI as well as text-based version.
• **Slither**- **(Oct 2019- Nov 2019).** Slither is a two-dimensional snake game developed using Java. The main objective of this game is to control the movement of snake to earn points for eating food and avoid running into the walls or the growing tail of the snake itself.
• **School Management System (June 2019-July 2019)** Developed a software using Java Swing and SQL in NetBeans IDE & XAMPP Server to store the databases of students as well as the teachers and other employees

ACHIEVEMENTS & CERTIFICATIONS

• **Merit Scholarship (Prime Minister Trophy MCM)** -SAIL (Steel Authority of India Limited) Received Scholarship by SAIL for 4 years during Undergraduate Studies.
• **3* on Codechef** with ranking of **(1800+),** HackerEarth ranking **(1500+)**
• **Object Oriented Java Programming**: Specialization- Coursera Certification.
• **Codechef Certification** for Project Code 2.0- organized by codechef & KJSIEIT, Mumbai.
• Qualified the **Facebook HackerCup** Second Round.
• **Python Programming Essentials** – Coursera Certification.