Avinash Agrawal

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EDUCATION

AKS University, Satna, Madhya Pradesh 2021 – 2025
Bachelor of Technology in Computer Science Engineering **CGPA: 8.56**

Bonanza Con. Hr. Sec. School, Satna, Madhya Pradesh 2020 – 2021
Central Board of Secondary Education – Class XII **Percentage: 95.4**

EXPERIENCE

Problem Setter – Coke&Code June 2023 – Present
- Designed and curated **45+** Data Structures and Algorithms problems on various topics with **3** difficulty levels.
- Developed **6+** comprehensive test cases for each problem and provided detailed explanations to guide students.
- Conducted **4** Doubt Resolution Sessions, teaching **50+** students live and addressed their queries effectively.

PROJECTS

MediStop – One Stop For All MediNeeds | GitHub | Website | HTML, CSS, JavaScript, MongoDB
- Worked with Alok Tamrakar to create MediStop, a multi-page health tech web app, where the user can
- Store all his Medical Data, Book an Appointment and Access List of Schemes offered by various organizations.
- Used MongoDB for Database and Authentication. User Information & Medical Data is stored in the Database.
- Bootstrap has been used to provide the responsive nature ensuring seamless user experience across all devices.

Web Retro – The Online Playground | GitHub | Website | HTML, CSS, JavaScript, ReactJS, Bootstrap
- Worked with Amit Mishra to craft Web Retro, an online playground for competitive programmers and coders.
- Web app consists of features such as user can participate in online coding competition and can build projects.
- A modern look and smoothness have been given to the website with the help of ReactJS and Bootstrap.

Tumin – The Two Minute App | GitHub | Website | ReactJS, HTML, CSS, JavaScript, Firebase
- User can Create an Account, Login on the website and watch trailers and promos of web series, movies, etc.
- Firebase is utilized for authentication and Netflix APIs are used to fetch stats of TV shows, movies, etc.

SKILLS

- **Programming Languages / Libraries:** C, C++, Python, Pandas.
- **Web Technologies / Platforms:** ReactJS, Bootstrap, HTML, CSS, JavaScript, Firebase, Windows.
- **Coursework:** Data Structures, Algorithms, Object Oriented Programming, Web Development.
- **Tools / Others:** Git, GitHub, Netlify, MS Office, VS Code, Problem Solving, Competitive Programming.

ACHIEVEMENTS

- **Winner of SprintHacks 2k23**, 24-hour long hackathon, organized by GDSC KIET, Ghaziabad. | **Profile**
- Solved over **2000 DSA/CP Problems** on various platforms like **LeetCode**, **CodeChef**, **GFG**, etc. | **Other**
- CodeChef**: Maximum Rating – 1743 (3 Star) | India Rank 5331 | Profile**
- Secured **Global Rank 58** (2700 Participants**)** in CodeChef December Long 2022 (Div 3). Dec. 2022
- Secured **Global Rank 81** (15931 Participants**)** in CodeChef Starters 67 (Div 4). Nov. 2022
- Secured **Global Rank 125** (14293 Participants**)** in CodeChef Starters 68 (Div 4). Dec. 2022
- Ranked **1st in school** and **Top 10 in city** in Class 10th and 12th CBSE Board Examination.

POSITIONS OF RESPONSIBILITY

DSA Lead at University Coding Club (AKS Developer Student Club) Sep. 2023 – Present
- Took offline Coding Sessions to teach **50+** Juniors about various Coding Techniques.
- Conducted online Doubt Clearance Classes to help students with their queries related to DSA/CP.

Senior Coordinator of University Coding Community Jul. 2023 – Present
- Lead a community of **500+ students** that helps them stay updated with new technologies and advancements.
- Promoted Competitive Programming and Problem Solving among students helping them build coding skills.

EXTRACURRICULAR ACTIVITIES

Campus Ambassador of GeeksForGeeks at AKS University Apr. 2023 – Present
- Hosted a Freshmen Induction Event with **400+ 1st & 2nd year students** providing them a coding roadmap.
- Promoting various events and offers from GFG to ease fellows in their programming journey.