Aman Agarwal

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B.Tech. - Electronics and Communication Engineering
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Education

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech.	MNIT Jaipur	8.42 (Current)	2020 - Present
Senior Secondary	RBSE	92.00%	2019
Secondary	RBSE	94.33%	2017

EXPERIENCE

- **Basic MicroProcessor Simulation using CPP**   6th Semester
  Group Project
  - **Design and Simulation** done with the help of registers and flags for different opcodes. Also functioning of various instructions was implemented using cpp.

Projects

- **BlogBee**   May - June 2023
  Personal Project   *github.com/aman9738/blogBee*
  - **BlogBee** is a multi-page full-stack web application built for the developer's company that creates websites.
  - Implemented all the sections like Home, About, Portfolio, Blog, Contact and Dashboard. Also implemented dark/light mode and Google authentication using Next-Auth.JS.
  - **Tech Stack: NextJS**, **Auth.js**, **MongoDB** .
- **Promptopia**   June - July 2023
  Personal Project   *github.com/aman9738/Promptopia*
  - A full stack web app which allows users to create or read AI prompts which can be used to search effectively on AI platforms like chatgpt. Also implemented Google authentication using Auth.js.
  - **Tech Stack: NextJS**, **Auth.js**, **MongoDB**
- **Expense Tracker**   April - May 2023
  Personal Project   *github.com/aman9738/Expense$_T$racker*
  - Implemented a react application which can be used to track a user's overall budget with their different income and expense categories. Also added voice capabilities using **Speechly**.
  - **Tech Stack: HTML**, **CSS**, **JavaScript**, **ReactJS**, **Speechly**.
- **Personal Portfolio**   July 2023
  Personal Project   *amanportfolio001.netlify.app/*
  - Implemented Front end based portfolio website to showcase my skills.
  - **Tech Stack: ReactJS**, **tailwind CSS.**

Technical Skills

- **Programming Languages**: C, C++
- **Web Technologies**: HTML, CSS, JavaScript, Bootstrap, NodeJS*, ReactJS, NextJS, MongoDB*
- **CS Fundamentals**: DSA, Operating Systems, OOPS, DBMS, Computer Networks
- **Miscellaneous**: GitHub, Visual Studio, MATLAB*
- **Operating Systems**: Windows, Linux*(Basic Shell Utilities)   *Elementary Proficiency*

Achievements

- **LeetCode** : Achieved a max Rating of **1672** by participating in 30+ contests.   *leetcode.com/FlyerWizard/*
- **CodeChef** : Achieved a max Rating of **1617 (3 Star).**   *codechef.com/aman$_a$garwal2/*
  - **Starters 97 Division 3**: Secured **Global Rank 93** in codechef starters 97.
  - **July Cook-Off 2023 Division 3**: Secured **Global Rank 940** among 7882 participants.
- **Codeforces**: Achieved a max rating of 1110 on Codeforces.
- **Joint Entrance Examination 2020:**: All India Rank 7781 GEN (EWS 1169) (JEE Mains) among 1.15 million candidates.
- **GATE** : Qualified GATE ECE 2023 in 3rd year.
- **Problem Solving** : 1000+ DSA Problems solved across all platforms.

Positions of Responsibility and Extracurriculars

- **Sub-Mentor**, at Student Mentorship Program and **Member** at Mavericks Club, MNIT Jaipur.
- **Mentored** a team of 5 members in a group project of Microprocessor Simulation for different opcodes.
- **Participated** in different National level Competitions like KVPY, Code-For-Good organised by JP Morgan Chase.
- **Hobbies:** Some of my other interests include **Music**, **Playing Badminton** and **Cycling**.