Aryan Pathania

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Education

National Institute of Technology, Hamirpur   Hamirpur
Computer Science & Enginnering, B.Tech., *CGPA: 8.75*   Dec 2020 - Present

Experience

CSEC NITH   NIT Hamirpur
Executive   Apr 2021 - Present
- Designed problems and wrote editorials for monthly programming contest, Heuristics.
- Volunteered on 'Software Freedom Day', promoted FOSS and installed linux distributions.

CodeChef NITH Chapter   NIT Hamirpur
Chapter Leader   Jul 2021 - Jan 2022
- Worked in a team of 4 to promote competitive programming culture in college.
- Organized workshops on topics 'Introduction to Competitive Programming' and 'STL', each having more than 100 attendees.
- Conducted numerous competitive programming contests like 'Regular Contest 1', 'CP Liftoff' etc, each having more than 50 participants.

CutefishOS Ubuntu
Contributor   Apr 2021 - Dec 2021
- Managed the dependencies of 10 core applications while porting from Arch base to Ubuntu base.
- Generated .deb packages from PKGBUILD files for all 10 applications.
- Set up GitHub actions, which runs every 12 hours to keep Ubuntu base fork up to sync with Arch base.

Projects

NFT Warrenty *Svelte, Ethereum/Solidity, Hardhat*   aynp/nft-warrenty
Replace physical warranties and have block chain based warranties using NFT which will ensure authenticity and security.

Dracula Wallpapers Website *ReactJS*   dracula-wallpapers.netlify.app
Website for wallpapers in my repository aynp/dracula-wallpapers.

Pathfinding Algorithm Visualizer *ReactJS*   aynp/pathfinding-algorithm-visualizer
- Visualize various pathfinding and maze solving algorithms.
- 4 pathfinding and maze solving algorithms - Dijkstra, A* Search, BFS, DFS.
- 2 maze genration algorithms - Recursive Division, Random Maze.

CodeShare *ExpressJS, MongoDB/Mongoose, bcrypt*   aynp/codeshare-server
Server for CodeShare (A web app to share formatted code with syntax highlighting online).

Awards

Google 30 Days of Cloud   Qwiklabs
Completed Google 30 Days of Cloud on Qwiklabs.   31 Oct 2021

The Grand Coding Contest   Newton School
Ranked 495th among 50,000+ students in The Grand Newton Contest 2021 by Newton School.   27 Aug 2021

Teams Code Virtual Programming Contest   TeamsCode
Team (no_AC) Ranked 4th in Summer 2021 Virtual Programming Contest by TeamsCode.   1 Aug 2021

CodeRush Rank 1 from Second Year   Algo University
Ranked 1st from second year in CodeRush organized by ALGO University.   20 May 2021

Skills

Programming Languages:	JavaScript, TypeScript, C++
Frameworks:	ReactJS, SvelteJS, ExpressJS
Tools:	Git, GNU/Linux, Google Cloud, Netlify
Data Structures and Algorithms	

Profiles

LinkedIn	aryanpathania03
GitHub	aynp
Codeforces *(Specialist)*	nand