ARYAN PATHANIA

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Portfolio · LinkedIn (aryanpathania03) · GitHub (aynp) · Codeforces (nand)

EDUCATION

National Institute of Technology, Hamirpur — Hamirpur
Computer Science & Enginnering, B.Tech., *CGPA: 8.65* — Dec 2020 - Present

WORK EXPERIENCE

Coding Shuttle — Remote
Backend Developer Intern — Jan 2022 - Present
- Create an API for Problems, Leaderboard, Classroom etc.
- Create an API to handle solution submissions, run muiltiple test cases and verify the validity of the solution.

Codeintuition.io — Remote
Problem Setter — Nov 2022 - Dec 2022
- Generate testcases and optimal solutions for problems based on Data Structures and Algorithms.
- Transpile C++ solutions to TypeScript. Handle input and output for problems.

VOLUNTEER EXPERIENCE

APISIX Ingress Controller
Open Source Contributor — Dec 2022 - Present
- Add support for `filter_func` for ApisixRoute allowing complex route matching.

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 on 50+ PCs.

CodeChef NITH Chapter — NIT Hamirpur
Chapter Leader — Jul 2021 - Jan 2022
- Organized workshops on topics 'Introduction to Competitive Programming' and 'STL' (100+ attendees each).
- Conducted numerous programming contests like 'Regular Contest 1', 'CP Liftoff' etc (50+ participants each).

CutefishOS Ubuntu
Open Source 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

Portfolio *Next.js, MDX* — aynp/portfolio
- Portfolio website to showcase projects, post blogs and frequently used code snippets.
- Created a timeline for important milestones in the career.

Node Automatic Release *JavaScript, GitHub Actions* — aynp/node-automatic-release
- Automatically generate a new release for node projects when the version in your package.json changes.
- Can be used seamlessly with workflows provided by GitHub to Automatically publish to NPM.

GitHub to JSON *JavaScript, Octocat* — aynp/github-to-json
- Generate JSON file of a repository structure using GitHub API.
- Enables usage of GitHub as a free CMS.

Dracula Wallpapers Website *ReactJS* — dracula-wallpapers.netlify.app
- Website made for community, having collection wallpapers based on the Dracula Theme.
- Created 80+ wallpapers aynp/dracula-wallpapers (200+ stars).

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+ contestants 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

Languages: JavaScript, TypeScript, C++, Go   **Frameworks:** React, Next, Svelte, Express   **Databases:** MySQL, MongoDB   **Tools:** Git, GNU/Linux, Docker, Kubernetes, AWS   **Others:** Bash, Markdown, LaTeX, Data Structures and Algorithms