Harmanjot Singh Nanda

Bachelor of Technology
in Computer Science
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GitHub
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EDUCATION

Year	Degree/Certificate	Institute	CGPA/Percentage
2023-2027	B.Tech Computer Science Engineering	Guru Gobind Singh Indraprastha University	8.7
2023	CBSE(XII)	The Indian School, New Delhi	89%
2021	CBSE(X)	The Indian School, New Delhi	93.4%

EXPERIENCE

- **Bharti Airtel** *November 2024 - February 2025*
  SWE Intern Gurugram , Delhi NCR
  – API Development , DEVOPS
  – Worked with Python Flask , Docker , Linux , Jenkins

- **Nation Capital Region Transport Corporation** *July 2024 - August 2024*
  Backend Developer Intern Gati Shakti Bhawan , New Delhi
  – Worked on NCRTC Greh a PWA for employ accomodation
  – Worked with PHP, PostgreSQL

PROJECTS

- **3-Tier Application Deployment on AWS VPC** *January 2025*

  – Deployed a full-stack application using a 3-tier architecture on AWS, utilizing VPC for secure networking. The application involved a web tier, application tier, and database tier, ensuring isolation and scalability. Implemented load balancers, security groups, and subnets for high availability and secure communication between tiers.
  – AWS VPC, EC2, RDS, S3, Route 53, Load Balancer, ExpressJS, ReactJS, MySQL.

- **Geolocation Based Attendance Application** *Sept 2024*
  Github

  – An attendance web app enabling users to check in and out from their phones, eliminating the need to wait in long queues for punching in. It saves time by allowing attendance marking within a 500m radius of the office premises.
  – ReactJS,ExpressJS,MongoDB

- **Greh PWA** *July 2024*
  Github

  – Greh PWA is a progressive web application designed to enhance community engagement and streamline communication within societies. This application empowers users by providing a platform to post updates, add suggestions, and lodge complaints related to their society.
  – Html,Css,Javascript,PHP,PostgreSQL

TECHNICAL SKILLS

- **Programming Languages**: Python, Javascript , C++ , C , Go , SQL & YAML
- **Tools and Frameworks**: Docker , flask , NodeJS , ExpressJS, ReactJS & Figma
- **Databases**: PostgreSQL , MongoDB & mySQL
- **Operating Systems**: Windows, Linux & Android

POSITIONS OF RESPONSIBILITY

- **DSA Coordinator**, IEEE GTBIT SB *2023-2024*
- **Headboy**, The Indian School *2022-2023*

MISCELLANEOUS

- **Innosphere Ideathon Ieee GTBIT SB winner**, An ideathon orgnised for Executive Comittee members *2024*
- **TOP 10 in InnoQuest by Azure Developer Community**, *2024*

Last updated: February 7, 2025