

DHRUMAN GUPTA

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EDUCATION

B.Sc (Hons) in Computer Science, Minor in Mathematics	Ashoka University	2027	/4 CGPA
CLASS XII	Pathways School Noida	International Baccalaureate (IB)	2023 43/45

Technical Proficiency NextJS, React.js, Git, Python, TypeScript, C#, PostgreSQL, MongoDB, Docker, Continuous Integration

WORK EXPERIENCE

KOITA CENTRE FOR DIGITAL HEALTH AT ASHOKA | *Research Intern* Feb 2024 - Present

- Developing unconventional methods of digitalization of informed consent collection and data management, ensuring user privacy
- Researching application and development of LLMs for evaluating informed consent and empowering shared decision making

SEEDSAI | *Software and ML Engineering Intern* Jan 2024 - Present

- Reduced end-to-end costs by optimizing AI prompts, finding alternate models, and developing customer servers to third-party cost
- Developed customized full-stack mobile applications deployed on client hardware (React Native, Typescript, AWS Lambda, Firebase Storage)

FREELANCER | *Software Developer* Mar 2020 - Sep 2023

- Worked with 15+ clients in Germany, the US, the UK, and more, developing mobile applications, websites, games, and other applications
- Programmed various trading algorithms that run live on the NSE exchange, with execution speeds of < 30ms
- Generated a revenue of over 3,50,000 INR

PROJECTS

Bodhi Stock Exchange - Fintech Dec 2023 - Feb 2024

- Planned and developed a stock exchange platform to allow simulation of news events and price reactions
- Used for a flagship event in Ashoka's annual economic fest, executing 8500+ orders and facilitating 90+ users
- Architected to be cost-effective, reducing costs for large scale use while ensuring scalability and availability

VondrInvesting - Finance and Algorithmic Trading Oct 2022 - Present

- Developed over 15 trading algorithms running on NSE, averaging over 10% returns a month
- Wrote extendable broker logic to simplify management of multiple sliced orders; can place over 20 orders per second
- Coded broker and feed logic for Zerodha, Finvasia, Binance, IG, and ICICI Direct
- Created a custom trading service to save stock tick data, backtest strategies, and paper trade on the live market

POSITIONS HELD

Member - Projects and Research | *Technology Ministry of Ashoka* Sep 2023 - Present

- Responsible for developing digital infrastructure used by 2800+ students
- Developing open-access database for all Ashokan developers (python, AWS, & puppeteer)

Member - Events Department | *Ashoka Computer Science Society* Sep 2023 - Present

- Selected from a pool of 82 applicants
- Responsible for organizing and ideating technology events, such as workshops, mixers, and competitions, all over campus
- Leading implementation of a university-wide project gallery, increasing visibility of student projects

President & Founding Member | *PSN Hack Club* Jan 2020 - Jan 2023

- Led my school's technology club, with over 50 students - seeing a 25% growth in members
- Hosted events and hackathons with over 150 attendees, conducted programming workshops, and led in-house software development
- Generated interest within the club, gathered and handpicked teams to represent the club in events

Technology Coordinator | *Pathways School Noida* Nov 2021 - Jan 2023

- Led all technology-related duties in the school, such as managing technology for events and assemblies with over 500 attendees
- Managed and hosted inter-school and intra-school technology events, increasing involvement in events by 18%

AWARDS AND ACCOMPLISHMENTS

Valedictorian | *Pathways School Noida* 2023

Awarded to the student with the highest final score in the batch of 81, pursued an irregular diploma with an additional higher level subject

Outstanding Leadership Award & Technical Proficiency Award | *Pathways School Noida* 2023

TEST SCORES

TEST NAME	DATE OF EXAM	SCORE
AP Calculus BC	May 26, 2022	Score: 5/5
AP Computer Science A	May 8, 2022	Score: 5/5

LANGUAGES KNOWN

English, Hindi, Punjabi, Spanish