

RUSHIL GUPTA

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EDUCATION

B.Sc (Hons) in Computer Science, Minor in Mathematics	Ashoka University	2027	3.74/4 CGPA
CLASS XII	Pathways School Noida	International Baccalaureate (IB)	2023 92 %

Technical Proficiency Python, JavaScript, React.js, Django, MySQL, Docker, Git, Continuous Integration, Continuous Delivery

INTERNSHIPS EXPERIENCE

TRIVEDI SCHOOL OF BIOSCIENCES | *Research Intern* Feb 2024 - Present

- Developing mobile app for student health research study; integrating physical activity, diet tracking, mental health metrics, and wearable device data
- Building an LLM-powered solution to automate informed consent (research/medical); leveraging RAGs for accuracy and reduced hallucination
- Researching predicting ICU outcomes at an early stage using ML; achieved a 10% improvement in prediction accuracy over conventional methods

WIX FREAKS | *Software Developer* Dec 2023 - Feb 2024

- Developed a chatbot for a real estate website, integrating it with the front end to improve the user experience and optimize lead generation
- Collaborated on 3 client projects, primarily focused on implementing and integrating AI-based features for an enhanced user experience
- Created 2 custom Wix blocks that developers can use to add custom UI, front-end and backend components, and functionality to their websites

CENTRAL SQUARE FOUNDATION | *Software Developer* Sep 2023 - Nov 2023

- Developed the frontend an Oral Fluency Test platform, which is planned to test 200000+ students of grades 1-3 in UP within the next year
- Gave technical training to 10+ employees and wrote technical documentation on how to create effective assessment platforms
- Automated the processing and analysis of a dataset that expands by 20000+ rows weekly to measure key indicators of an ongoing experiment
- Created a live, interactive, and intuitive dashboard that efficiently presents large amounts of data by utilizing 10 carefully planned graphs

WORK EXPERIENCE

FREELANCER | *Software Developer* Dec 2022 - Aug 2023

- Earned over 300,000 INR in a short period, with a 5-star customer rating across platforms, forming deep customer relationships
- Worked with 6 clients to make real-time trading algorithms that trade on multiple exchanges and brokers with execution speeds that are under 30ms
- Wrote modular and extendable broker and data-collection logic that supports Zerodha, Finvasia, Binance, and ICICI Direct to standardize algorithms
- Developed a proprietary paper-trading software to mimic stock exchanges to forward test and backtest automated trading algorithms

PROJECTS

Banjaara Security Management System - Technology and Event Management Mar 2024 - Apr 2024

- Developed a web-based security program (NextJs, Firebase) to manage 2000+ external participants during a two-day university cultural festival
- Streamlined logistics by facilitating security procedures; improved participant check-in and check-out timings by 80% compared to the previous year

Web Developer – Ashoka Racquet Sports League Website - Website Development Jan 2024 - Present

- Conceptualized and developed the Ashoka Racquet Sports League website, featuring timelines, match details, team overviews, and player profiles
- Implemented interactive user experience with dynamic content and a responsive and intuitive design, ensuring a user-friendly interface
- Integrated live scoring to display match scores in real-time, providing immediate updates and being a key resource for league information

Wear Blame - Online Clothing May 2023 - Sep 2023

- Founded an online clothing brand and brought in a revenue of over 2,00,000 INR over 3 months with high customer satisfaction
- Developed the brand website and acquired customers through rigorous marketing campaigns, including social media marketing and email marketing
- Reached high operational efficiency to manage product manufacturing, branding, and delivery, leading to the completion of 500+ orders

POSITIONS HELD

Member, Logistics and Outreach Department | *Ashoka Computer Science Society* Sep 2023 - Present

- Responsible for managing the logistics and outreach of events with up to 200 students throughout the year to ensure smooth execution
- Heading the team responsible for developing the Society's new website, and adding new content to ensure it is up-to-date and intuitive

Co-Founder and Head of Events and Logistics | *Ashoka Health Research Club* Mar 2024 - Present

- Founded the Ashoka Health Research Club (AHRC), being involved in the brainstorming, marketing, and selection processes for the first induction
- Leading the events department, organizing project talks, research talks, and open sessions to introduce students to digital health and ongoing projects

Analyst | *Bodhi Capital, Ashoka Investments Club* Apr 2024 - Present

- Founded the technology team, developing robust systems to enhance financial analysis, streamline club operations, and expand digital outreach
- Analyzing and pitching stocks as part of the pitch cycle, working in groups to conduct thorough financial analysis for investment opportunities

LANGUAGES KNOWN

English, Hindi, Spanish, Punjabi