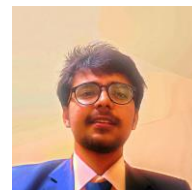




PRATHAM MISHRA
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[GitHub](#)



PROFILE HIGHLIGHTS

- Driven computer science student dedicated to bridging the gap between hardware and software solutions.
- Passionate about integrating complex systems and leveraging technology to solve challenges efficiently.
- A collaborative team player with strong communication skills, adept at working with diverse groups to achieve goals and meet deadlines effectively.

EDUCATION QUALIFICATION

Qualification	University/School	Percentage/CGPA
BTech	Amity University Jaipur, Rajasthan	8.71 CGPA (5 th)
12 th	The Doon Valley Public School	94.8%
10 th	The Doon Valley Public School	88.2%

WORK EXPERIENCE

Web Development Intern, Cogtix Solutions

Aug 23'-Oct 23'

Engaged in both frontend and backend projects, gaining practical experience in database management and API integration with React.js. Developed an authentication page for an e-commerce platform utilizing NextAuth, Next.js, Typescript, Node.js and Mongoose.

Cyber Security Intern, THECYBERHOST

Jul 23'-Aug 23'

Learned the fundamentals of Android Penetration Testing, gaining hands-on experience in identifying and exploiting vulnerabilities within mobile systems.

Member of Finance & Corporate Affairs, Entrepreneurship-Cell AUR

Jan 23'-Mar 23'

Orchestrated the financial planning and management for all major events hosted by AUR's Entrepreneurship-cell, ensuring effective allocation of resources and strategic partnerships with external companies.

PROJECTS

DQRC (Data in Quick Response Code)

- A revolutionary lossless text compression and encryption algorithm.
- Beat 25+ already existed algorithms in plain text compression category in terms of time and compression percentage complexities.
- Research paper submitted in conference.

Connex [Link](#)

- A full-stack (deployed) meetings and events reminder application.
- Sends email notification using Simple Mail Transfer Protocol one-hour prior from the scheduled meeting time using CRON JOBS.
- Tech Stack: Next.js, Typescript, Tailwind CSS, Mongoose, Express, Node.js, CRON JOBS

JSONweaver

- Program to convert .CSV data directly into a JSON response that can be used as an API within seconds.

Strings [Link](#)

- A real-time (deployed) code collaboration applications.
- Tech stack: React.js, Codemirror, Socket IO, Node.js and Express.

cPulse [Link](#)

- A WhatsApp chat analyzer (deployed).
- Application to analyze one-to-one or group chats from WhatsApp. Made with Python, Pandas and Streamlit.

EXPERTISE

C/C++, Python, Streamlit, Pandas, React.js, Socket IO, Full-stack Development, Express, Node.js, Mongoose, Cron Jobs, Next.js, Typescript, Tailwind CSS, Git & GitHub, Team Management, Leadership, Orating, F1

ACHIEVEMENTS

- Got selected in Amity University Jaipur, as a Fast Track Admission Scholar with 100% Academic Scholarship.
- Awarded as the Best Human for Presidency Roles in Model United Nations Award for 3 years in my school.
- Awarded as the House Captain of the school because of my high-school academic results.

CO-CURRICULAR ACTIVITIES

- Played National Level Under-17 Soccer organized by Central Board of Secondary Education.
- Got selected in Florida State University and shortlisted in Brown University as a transfer applicant.
- Automated Microsoft Reward System in Edge browser using Python and PyAutoGUI.

PERSONAL DETAILS

- **Languages:** English (Fluent), Hindi (Native), German (Classroom Study)
- **Contact Details:** callprathamishra@gmail.com
- **Blood Group:** B+