Om Tiwari

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EDUCATION

Delhi Technological University, Delhi	2021-25	B.Tech	7.8 CGPA
Bhavan's B.P. Vidya Mandir, Nagpur	2020	CBSE Board XII	92%
Sanjuba High School CBSE	2018	CBSE Board X	93%

PROFESSIONAL EXPERIENCE

Data Analyst Intern | Brevity SoftTech   **(July'24 - Aug'24)**
- Analyzed **500K+** records from eSchool 360 using SQL, uncovering key trends.
- Developed Power BI dashboards showing a **20%** increase in student engagement & **15%** improvement in staff utilization.
- Presented insights to stakeholders and engaged new leads to discuss eSchool 360's features and benefits

Reports & Documentation Intern | DTU-USIP | Delhi   **(Aug'23 - Nov'23)**
- Automated **10+** manual processes deploying **Python scripts**, reducing **74%** of time spent analyzing data.
- Analysed, systemized and stored **100 GB** of data by creating a data warehouse leveraging **SQL Server and Excel**.
- Constructed a reporting tool, replacing an existing system with **94%** efficiency, to track website usage statistics across **50+** administrative offices in DTU.

ACADEMIC PROJECTS

Clash Deck Pro | **GitHub** | **Link**
- **Developed** an AI-powered Clash Royale deck builder with a responsive Next.js frontend and robust API integrations.
- **Implemented** personalized deck recommendations using OpenAI API and player analytics via the Clash Royale API.
- **Key Features:** AI-driven deck generation, player profile analysis, offline functionality (PWA), and seamless deck sharing.

Secure Payments Application |**GitHub**
- Engineered a secure payments application with an intuitive React frontend and powerful Express.js backend.
- Ensured transaction security and data integrity through Mongoose transactions and data validation with Zod.
- Key Features: Secure payment handling, rigorous data validation, and a user-friendly interface with Tailwind CSS.

SKILLS

Language	Cloud & DevOps	Web Development
C++, Python, HTML, CSS, JavaScript, SQL	AWS (EC2, S3, CloudFront, Certificate Manager), Nginx, Linux, Cloudflare Workers	ReactJS, NodeJS, Express, MongoDB, NextJS, ORMs ,git, , Hono,Next.js

CERTIFICATIONS

- Python Programming (NPTEL IIT Madras)   (Jan'24 -May'24)
- SQL Programming (Scaler by Interview Bit)   (Sept'23 - Dec'23)
- BCG Strategy Consulting   (May'23 - June'23).

POSITION OF RESPONSIBILITY

Event Head, Indian Institute of Chemical Engineers, DTU
- Organized "Kaun Banega ChemPati" during the Tech Fest, drawing **1,000+** attendees and **250** participants.
- Led industry talks, coordinating with a team of **12** and engaging **15** professors for student networking.

Secretary, Hostel Student Council, DTU
- Led Hostel Administration, addressed resident concerns, Organized **5+** Cultural fests and Inter Hostel Competitions.
- Earned commendation for Effective Leadership and Improving **200** Resident's Satisfaction and Hostel Operations.

ACHIEVEMENTS

- Selected as **1 of 15 teams** for AerOlympics by Indian Aerospace Society, showcasing aerospace expertise.
- Won **1st place** in Miranda House college's Market Maze business case competition
- Ranked **in Top 3% a**mong **1 million** students in JEE exam.
- Led basketball team to **1st** place in Ahvahan'24 collegiate tournament with teams across India.
- Mentored **5+** students through the Desh-ke-Mentor Program by The Delhi Government for guiding govt. school students.