



Deepanshu Arya

BCA (Hons) in DS

Computer Application

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Summary

Constantly building actionable projects, learning upcoming technologies, and integrating these experiences to real world applications. I am dedicated to writing Industry friendly, scalable products that meet business requirements . Keen to drive innovation and efficiency for the organization.

Education

•Maharaja Surajmal Institute,Delhi

Pursuing undergraduate program Bachelor of Computer Application (Hons) in Data Science

2021-24

CGPA : 8.794

•12th Class

Kala Niketan International School (CBSE), Delhi

(offline) 2020

Percentage : 75%

•10th Class

Kala Niketan International School (CBSE), Delhi

(offline) 2018

Percentage : 81.4%

Experience

• Software Development Cell (link [🔗](#))

Jun 23 - till date

- Core Team Member of college Software Development Cell.
- Engineered and optimized college software solutions, i.e. **ID Card Generator** and **Alumni Management Portal**, within a cross-functional team, utilized **Agile** methodologies & version control systems (**Git**) to streamline development processes & ensure efficient collaboration.
- Implemented data processing systems, saving **20+ hrs/week** in manual effort for faculty and staff.

•Openweaver Full-Stack Virtual Internship (link [🔗](#))

August - October

- Completed a virtual internship program focused on **Web-AI** Integration.
- Designed, developed, & deployed a functional website using OpenStudio platform which summarizes & translate text.

Personal Projects

• Web Chat application | MongoDB, ExpressJS, ReactJS, NodeJS (link [🔗](#))

- Provides a platform enabling **real-time messaging**, whether for personal use or connecting with friends. Seamlessly transition between one-on-one chats & group conversations within a **user-friendly interface**, enhancing online communication experience.
- Refined skills in **real-time communication** and enhancing proficiency in full-stack development.

• Id Card Generator | jinja2, html2image, fpdf, Tkinter (link [🔗](#))

- Automated ID card generation for over **500 college freshers**, reducing administrative workload by 60%. The intuitive interface & efficient backend processing led to a **40% reduction** in onboarding time for both students and faculty.
- Implemented automation scripts, reducing manual effort by **80%**.

• Portfolio Web App | React, Tailwind, Vite, react-pdf (link [🔗](#))

- Developed a responsive & visually appealing portfolio website using React, Vite, Tailwind CSS, & react-pdf prioritizing user experience, smooth animations, efficient routing, & documentation viewing capabilities.
- Implemented optimized performance with Vite's lightning-fast builds (avg. **<300ms**) & React's efficient rendering, achieving **95+** Lighthouse score for performance, accessibility & good coding practices.

Technical Skills and Interests

Development Stack : HTML/CSS, Js, C/C++, MySQL, MERN, Kotlin, JetpackCompose

Developer Tools : Git, Linux, Vs Code, Android Studio

Achievements

• Achieved 5th position in Cyber Security Hackathon (link [🔗](#))

Get Set Hack by RISE in collaboration with Thrive dx.

• Secured 1st place in the SIH 2023 Hackathon (link [🔗](#))

Led a team of 5 members to develop, AyuMonk an ayurvedic affinity prediction system.

• Published a research paper at the Springer Conference (link [🔗](#))

Certifications

• Completed Google Program for CyberSecurity Professionals (link [🔗](#))

Embarked on a career path in cybersecurity through a comprehensive certificate program.

• Completed Google Cloud Certified Programme (GCCP) and Arcade (link [🔗](#))

Has AWS practitioner certification from ICT Academy too. (link [🔗](#))

• Completed 8 MOOC courses by NPTEL(IIT Madras)(Courses name are clickable [🔗](#))

Embedded System Design, OS, Ethical Hacking, Blockchain, Soft Computing, Enhancing Soft Skills, Cyber Security and Privacy, Social Network and Analysis