Deepanshu Arya

BCA (Hons) in DS
Computer Application
Maharaja Surajmal Institute, Delhi

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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** — *2021-24*
  Pursuing undergraduate program Bachelor of Computer Application (Hons) in Data Science — CGPA : **8.794**
- **12th Class** — *(offline) 2020*
  Kala Niketan International School (CBSE), Delhi — Percentage : **75%**
- **10th Class** — *(offline) 2018*
  Kala Niketan International School (CBSE), Delhi — 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