Shivom Chawla

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EDUCATION

Thapar Institute of Engineering and Technology Patiala, India
Bachelor of Engineering in Computer Science; CGPA: 9.0 *July 2019 - June 2023*

SKILLS

- **Languages:** TypeScript, JavaScript, Angular, SQL, Bash, Groovy, Python, C, C++

- **Libraries/Frameworks:** AJAX, Node.js, DOM, Scikit, NLTK, OpenCV, Pandas, Matplotlib, HTML, CSS

- **Tools/Technologies:** CI/CD, Git, MySQL, VSCode, Jupyter Notebook, Nx, Jenkins

- **Platforms:** Linux, Web, Windows, Arduino

- **Soft Skills:** Leadership, Event Management, Writing, Public Speaking, Time Management

EXPERIENCE

- **AMADEUS SOFTWARE LABS** Jan 2024 - Present
  Software Development Engineer (SDE-1)

  - Spearheaded the revamp of Amadeus's flagship product UI, enhancing user experience and engagement.
  - Conceptualized and implemented innovative features, resulting in increased user satisfaction and retention.
  - Demonstrated expertise in product development, UI design, and user engagement strategies.
  - Technologies: Angular, Java, TypeScript, CI/CD Jenkins, DevOps

- **AMADEUS SOFTWARE LABS** Feb 2023 - Dec 2023
  Software Development Engineer Intern

  - Optimized build processes, reducing build time by 60
  - Technologies: Angular, Java, TypeScript, CI/CD Jenkins, DevOps

- **PGIMER** Dec 2021 - Nov 2022
  Research Intern

  - Conducted statistical analysis and utilized advanced tools for genomic sequence analysis.
  - Applied Python, Pandas, Roary, Prokka, Abricate for data processing and analysis.

- **CodXCrypt** July 2021 - Sep 2021
  Part-time Instructor (C++)

  - Designed and delivered comprehensive tutorials on C++ programming concepts.
  - Received outstanding feedback, with an average rating of 4.65 from over 50 students.

PROJECTS

- **Biometric Security System:** Developed facial recognition-based attendance management system for educational institutions, ensuring accuracy and security.

  - Technologies: HTML, CSS, TypeScript, Node.js, OpenCV, Python, Tkinter, MySQL, Machine Learning

- **Topsis Calculator:** Built decision-making tool for model evaluation and selection using TOPSIS method.

  - Technologies: Python, HTML, CSS, Streamlit

- **Rent Price Prediction and Dashboard:** Created solution for predicting rental prices and visualizing data through interactive dashboard.

  - Technologies: Python, HTML, CSS, Google Data Studio, Machine Learning

Honors and Awards

- Recognized for outstanding performance and contributions during internship at Amadeus.

- Merit scholarship recipient for ranking in top 10

- Ranked 10th out of 10,000 participants in Coding contest organized by Coding Ninjas.

Certifications

- Certificate of Excellence in Data Structures and Algorithms by Coding Ninjas.

- Certificate of Excellence in Data Science by Coding Blocks.

Volunteer Experience

- **Community Member at Developer Student Clubs, TIET**   Jan 2020 - Present
  Organized technical workshops and training sessions, impacting over 250 students.

- **Event Organizer at GirlScript, TIET**   Jan 2020 - Present
  Planned and executed events and workshops, reaching over 100 developers.