

TARUN CHAWLA

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Objective:

An adaptable and resilient international Computer Programming student actively seeking a job opportunity or internships. Proficient in programming languages such as Python, Java, SQL, MongoDB, Next.js, Node.js, React.js and having a strong understanding of data structures and algorithms. Proven problem solver with a positive attitude.

Skills:

Programming Languages: Proficient in Python, Java, TypeScript, JavaScript, SQL, and PHP.

Web Technologies: Demonstrated proficiency in Node.js/Express, React, Django, Django Rest Framework, Redux, Tailwind CSS, Bootstrap, and Axios.

Data Models: Strong familiarity with JSON, Relational, Graph, and RESTful APIs.

Server/Databases: Proficient in MySQL PostgreSQL, and MongoDB.

Data Structures and Algorithms: Skilled in data structures and algorithms for efficient problem-solving.

Tools/Software: Skilled in using Excel, Microsoft Azure, Docker, Zoom, Teams, NumPy and Pandas.

Communication: Excellent interpersonal and communication skills.

Soft Skills: Strong problem-solving, analytical thinking, attention to detail, team collaboration, adaptability, and time management abilities.

Languages: Fluent in English, Hindi, and Punjabi.

Education:

Computer Programming Diploma
Georgian at ILAC
CGPA: 94

September 2022 – April 2024

Experience:

Peer Tutor

February 2023 – April 2024

Georgian at ILAC

- Helped 50+ students to learn and master programming concepts in HTML, CSS, Python, Java, PHP, JavaFX, MySQL etc. through personalized instructions based on students' requirements and diverse, effective coding techniques.
- Empowering students to write code confidently and efficiently, elevating their skills to the next level.

Co-op Career Service Assistant

August 2023 – December 2023

Georgian at ILAC

- Trained over 100+ students in industry-standard tools and frameworks like React and Django, ensuring they acquired skills aligned with current job market demands.
- Conducted thorough code reviews for 80+ students' projects and assignments, ensuring adherence to best practices, coding standards, and optimization techniques.

- Led comprehensive workshops on data structures and algorithms, equipping students with problem-solving skills essential for technical interviews and real-world development.
- Facilitated hands-on Git and GitHub training, fostering effective project collaboration among students.

Personal Projects:

Birthday wishing android app.

Developed an innovative Automated Birthday Wishing App that enables users to send personalized birthday wishes to their saved contacts automatically. The app includes customizable greeting options to enhance user engagement and personalization. Since its launch within my academic community, the app has garnered over 50 downloads and received highly positive feedback for its utility and user-friendly interface.

Link: [GitHub](#)

Own Programming Language

Developed a custom programming language equipped with all the functionalities characteristic of modern programming languages, including but not limited to functions, loops, closures, and dynamic data type allocation. I have embarked on this project with the aim of gaining a comprehensive understanding of the inner workings of modern programming languages.

Tech used: Java, Data Structures, Visitor Pattern, Recursive Descent Parser.

Links: [GitHub](#)

Tarun's Dev Diary

Established a dynamic blog site as a platform for sharing my passion and knowledge with a global audience. Through this website, I have been able to write and publish articles on topics that deeply interest me, fostering connections and engaging with readers from around the world.

Tech used: Astro, Tailwind CSS, HTML, JavaScript, responsive design, RSS Feed.

Links: [Live at](#), [GitHub](#)

The Cafeteria

Successfully designed and launched a feature-rich coffee e-commerce platform catering to coffee enthusiasts worldwide. The platform offers a wide array of coffee products from top-notch brands, along with robust payment security measures. The mission behind the project is to establish a premier online destination for coffee and tea fans, promoting global coffee culture.

Tech used: React.js, Redux.js, DRF, Tailwind CSS, JavaScript, Azure Cloud, PostgreSQL.

Links: [GitHub](#).

The Cinephile Hub

Designed and developed an IMDb-inspired frontend clone website, offering users a platform to explore the latest movies and TV shows. Users can easily access information such as cast details, current ratings, and concise movie descriptions, providing a convenient and comprehensive resource for movie enthusiasts.

Tech used: React, Redux.js, Tailwind CSS, responsive design, HTML, CSS, JavaScript.

Links: [Live at](#), [GitHub](#).

Certifications:

Accessibility for Ontarians with Disabilities Act

Feb 2023