Sakaar Srivastava

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EDUCATION

Vellore Institute of Technology   *Bhopal (M.P.)*
Bachelor of Technology in Computer Science and Engineering   **CGPA: 8.45 | Oct 2022 – Jun 2026**
City Montessori School   *Lucknow (U.P)*
12th Standard (Council for the Indian School Certification Examination)   **93.5% | Jul 2022**
10th Standard (Council for the Indian School Certification Examination)   **91.2% | Jul 2020**

EXPERIENCE

Bluestock Fintech – SDE Intern   **Jan 2025 – Feb 2025**
- Engineered a web application and **REST API** providing comprehensive IPO-related information.
- Applied **Django** for backend development, **PostgreSQL** for database management, and **Bootstrap** for a responsive and mobile-friendly frontend design.
- Implemented **Git** for version control, reducing deployment time by 20% and ensuring streamlined collaboration with team members.

PROJECTS

OrderFlowMCF – Multichannel Fulfilment Integration Plugin   **Nov 2024 - Present**
- Engineered the integration plugin using **ReactJS** for interactive UI, **Express** for backend, and **MongoDB** with **Mongoose** for efficient database management, hosted on **AWS EC2** for scalability.
- Implemented secure authentication with **Clerk (Auth)**, integrated **Shopify API** for e-commerce functionality, and optimized performance with **Vite** and **TailwindCSS** for responsive design.
- Leveraged **Ngrok** for secure tunneling, created **REST** and **GraphQL** APIs for seamless data interaction, and managed version control with **Git** for collaboration.

Interactive Learning Platform for algorithms   **Sep 2023 - Present**
- Tech Stack: **Django, SQLite, JavaScript, D3.js, HTML, CSS, Git**
- Built a scalable Django backend, optimizing database queries and load balancing to support 500+ active users with 99.9% uptime.
- Designed an intuitive UI in Figma with advanced visualization techniques to enhance algorithm comprehension, boosting user engagement by 15%.

Custom Arch Linux Environment   **Jan 2022 - Present**
- Tech Stack: **Python, C++, Bash, Lua, Linux Scripting, Git**
- Integrated a customized IDE with advanced code navigation, debugging tools, and auto-completion, reducing development time by 20%.
- Streamlined environment setup using custom scripts, saving 7+ hours weekly.

ACHIEVEMENTS

- Secured **First Prize** in **AdVITya Hackathon 2024** among 40+ teams.
- Ranked in **Top 137 out of 100,000+** teams in **Amazon Smbhav Hackathon 2024.**
- **Founder, GSOC Innovators Club –** Established and led a club dedicated to open-source development and GSOC preparation.

SKILLS AND CERTIFICATIONS

- **Programming Languages:** C, C++, Java, Python, Bash, and JavaScript.
- **Web Frameworks:** Django, ReactJS, Node.js, and Express.js.
- **Coding Challenges**: Solved **288+** problems on LeetCode and **140+** problems on GeeksForGeeks.
- **Competitive Programming:** Compete regularly on **CodeChef**(**1486**) and **CodeForces**(**Pupil-1203**).
- **Certifications: IBM** AI Engineering and **Google** Python Operating System Interaction.
- **Languages:** English and Hindi.