

Sanchi Bansal

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EDUCATION

Drexel University

B.S. in Computer Science; Minor in Architecture

September 2022 - June 2026

Cumulative GPA: 3.26/4.0

Relevant Coursework: Data Structures, Systems & Software Architecture, Systems Programming, Software Eng. & Development, Web Development, Math. Foundations of Computer Science, Discrete Mathematics, Advanced Programming Tools & Techniques

WORK EXPERIENCE

Web Development Intern

DNJP Plastic Services Co.

Delhi, India

July 2023 - September 2023

- Revamped an outdated XML-based site into a **modern, responsive web application** using **Next.js** and **React.js**, boosting **user impressions by 150%** and **doubling retention rates**
- Transitioned the database from **SQLite to Oracle MySQL**, enhancing data management and scalability to support up to **500 concurrent user sessions** during peak times
- Implemented an **automated email notification system** with **Node.js** and **Postmark** for new client onboarding, improving **activation rates by 28%** in the first week

Junior Frontend Developer

Flying Saints

Delhi, India

March 2022 - July 2022

- Collaborated on **6 user-friendly websites** for major brands like **Yes Bank Ltd. & American Eagle Outfitters** using the **Django Python library & Tailwind CSS**, improving **client satisfaction by 36%**
- Participated in design sprints and created **over 20 prototypes** using **Adobe Creative Suite**, transforming it into a web-page hosted on **AWS EC2**, increasing engagement metrics by **40%**
- Developed a **project management dashboard** with a **team of 4**, enabling **real-time tracking** of progress across projects with the use of **version control systems**, reducing **post-deployment issues by 65%**

SKILLS

Programming	Python, JavaScript, C#, Java, C++, ASP.NET, TypeScript, HTML5, CSS3, Bash
Web Development	React, Node, Express, Angular7, Next.js, MongoDB, Tailwind, SQL (mySQL, Postgres)
Operating Systems	Linux (Ubuntu, Debian), macOS, Windows Powershell
Tools & Technologies	Amazon Web Services (EC2, Lambda), Postman, Git, Microsoft Office 365 Suite

SELECTED PROJECTS

FeastFinder (February 2024) 🌐

- Developed an enterprise-level food ordering platform using the **MERN (MongoDB, Express, React, NodeJS)** stack, enabling **order placement** and **live tracking** for **over 200 restaurants**
- Enhanced user experience by integrating **Auth0** for secure registration, utilizing **Stripe** for payments, and enabling **geo-location filtering** for user specified locations

FinanceStream (January 2023) 🌐

- Developed a dynamic **finance news ticker** using **ASP.NET** and **C#**, enabling **real-time updates** at every **20 seconds** and ensuring cross-device compatibility with **Bootstrap**
- Implemented **API integration** with Financelayer using **HttpClient**, maintaining **data accuracy** while enhancing **user engagement**, and ensuring **reliable data delivery**

FinServe (December 2023) 🌐

- Built a **multi-account bank system** using **Java** and **Angular7** with the **SpringBoot** framework, allowing up to **5000 simultaneous account registrations**
- Utilized **jUnit** and **mutation testing** techniques to drive **test-driven development**, using CI/CD pipelines to validate over **370 test cases**, achieving a **99.79% mutation coverage rate**

CERTIFICATES & INVOLVEMENTS

- **SQL Certificate** 🌐 - HackerRank Proficiency in Joins, Unions, & Sub-queries May 2024
- **React Certificate** 🌐 - HackerRank Proficiency in Routing, Rendering Elements & State Management May 2024
- **Dean's List Awardee** - Merit-Based Award Signifying Academic Excellence at Drexel University September 2023