**SATYAM SHARMA**

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**EDUCATION**

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| --- | --- | --- | --- | --- |
| BE. Computer Science and Engineering | 2021-25 | Thapar Institute of Engineering and Technology, Patiala | 8.1 GPA | - |
| CBSE (Class XII) | 2021 | APEEJAY SCHOOL, Jalandhar | 97.2% | 1 |
| CBSE (Class X) | 2019 | Cambridge International School Co-Ed, Jalandhar | 95.8% | 2 |

**WORK EXPERIENCE**

**AlgoUniversity (backed by Y-Combinator)**

Software Development Extern May 2024– July 2024 <https://www.codeuniverse.tech/> Remote

• Developed a comprehensive Online Judge platform enabling coding enthusiasts to practice and compete in coding challenges.

• Frontend: Designed and implemented an intuitive and responsive user interface using React.js, ensuring a seamless user experience.

• Backend: Built a robust backend using Node.js and Express.js to handle user authentication and problem

submissions functionalities. Utilized MongoDB to store user data

• Compiler Integration: Integrated an efficient online compiler service to evaluate code submissions in real-time, supporting multiple programming languages.

• Collaborated with senior engineers from Google London, Apple, Bytedance Singapore, and Alphagrep

Singapore, gaining insights into real-world software development practices and scalability considerations

**ACADEMIC PROJECTS**

**PtDeviDyal.com** [**https://panditdevidyal.com/**](https://panditdevidyal.com/)

• Developed a responsive website for a family business using HTML5, CSS3, JavaScript, and PHP for the backend.

• Implemented user-friendly navigation and an attractive design to enhance customer engagement and experience.

• Integrated backend functionalities with PHP to handle inquiries, orders, and customer interactions effectively.

• Significantly increased customer traffic and online inquiries, contributing to higher sales and visibility.

**TECHNICAL SKILLS**

**Languages:** Python, C, C++, JavaScript, Data Structures and Algorithms

**Backend:** Node.js, Express.js, PHP, jQuery

**Frontend:** React.js, TailwindCSS, HTML5, CSS3, Bootstrap

**Clouds & Databases:** AWS, MongoDB, SQL/PLSQL

**Web Technologies:** Docker

**Developer Tools:** Postman, VS Code, GitHub

**ACADEMIC ACHIEVEMENTS AND AWARDS**

* **AWS Academy Certification in Cloud Computing Foundations**

Link: <https://drive.google.com/file/d/1hiyXdCITMWPQKgjSWoHTMfEZVgQHyYdR/view?usp=sharing>

* **Certification in Web Development**

<https://drive.google.com/file/d/1raV5ijxbejTHWqWVl5e2robAWY_kLS6U/view?usp=sharing>

* Graphs Camp certificate by Codeforces Master
* Accelerator Camp: AlgoUniversity

• Selected in the top 1.4% out of 40,000 students who applied; received mentorship from senior engineers at Apple, Google, Grab Singapore, and Alphagrep Singapore.

* Leetcode: Solved over 70 quality problems, focusing on data structures, algorithms, and competitive programming.