

# SHIVAM PAUL

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**🌐** Personal portfolio website

**in** Shivam Paul  
**🔗** shivam-paul-19  
**📁** shivampaul23

## SKILLS

- **Programming languages:** Python, C, C++, Java, PHP, JavaScript
- **Technologies/Frameworks:** HTML, CSS, Node JS, Express JS, MySQL, React JS, Embedded JavaScript, MongoDB, Git, Flask
- **Software:** MS office, Adobe Illustrator, Figma

## EDUCATION

- **Vivekananda Institute of Professional studies (Affiliated to GGSIPU)**  
Bachelors of Computer Applications  
(September 2023 – July 2026)  
Grade: 9.5 CGPA
- **Bal Bhavan Public School (Affiliated to CBSE)**  
(July 2010 – March 2023)  
Class X Marks: 94%  
Class XII Marks: 93%

## PROJECTS

- **DesX**
  - Developed a web-based UI maker that enables users to design interfaces using a canvas with intuitive drag-and-drop tools.
  - Users can add, customize, and manipulate UI components like text, images, and shapes.
  - Supports saving and managing designs with real-time data storage in a MongoDB database.
  - Provides an option to download the canvas as a PNG image for easy sharing.
  - **Tech Stack:** React, Node.js, Express.js, MongoDB, Fabric.js.
  - [GitHub Link](#) | [Demo Video](#)

- **BookVerse: Book recommendation System**
  - Developed an AI-powered book recommendation system that suggests the top 50 books based on popularity and user preferences.
  - Filters books with at least 50 ratings from users who have rated 200+ books, ensuring relevant and reliable recommendations.
  - Developed Flask backend with RESTful APIs for efficient communication with the ML model. Designed and built a dynamic frontend using React and TypeScript.
  - **Tech Stack:** React, TypeScript, Flask, Python.
  - [GitHub Link](#) | [Deployed Link](#)
- **Code Buddy**
  - Developed a web app that provides AI-powered coding solutions for DSA problems.
  - Features question explanations, code solutions, dry runs, and complexity analysis.
  - Integrated AI using Google Gemini API for accurate and fast responses.
  - **Tech Stack:** React JS, Google Gemini API, Material UI.
  - [GitHub Link](#) | [Deployed Link](#)

## ACHIEVEMENTS

- **Research paper on “Smart Agriculture: AI for Sustainability”**  
Published as a book chapter in conference proceedings of ASIKSVB-2025 ([Link to the paper](#))
- **350+ questions solved in Leetcode**