

# Piyush Vishwakarma

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## SKILLS

**Languages:** C++, JavaScript, C, PHP, Java, Kotlin, Python  
**Frameworks:** HTML and CSS, Bootstrap, NodeJS, React, ExpressJS  
**Tools/Platforms:** MySQL, MongoDB, Android Studio, VS Code  
**Soft Skills:** Problem-Solving, Collaboration, Time Management, Adaptability, Leadership, Critical Thinking, Communication, Emotional Intelligence (EQ)

## WORK EXPERIENCE

**Outlier – Mathematical AI model trainer** Jul' 24 – Dec' 24

- Developed and trained mathematical models for data-driven insights
- Optimized machine learning models for improved accuracy
- Worked with large datasets to analyze patterns and generate predictions

## PROJECTS

**Artisans** | *EJS, NodeJS, ExpressJS, MongoDB, JavaScript, Bootstrap* | [GITHUB](#) Feb' 24 – Apr' 24

- Built a full-stack marketplace for artisans to list and sell handmade products to users
- Implemented secure login system with session-based user authentication
- Developed frontend using EJS, Bootstrap and backend using NodeJS, Express.js, MongoDB
- Integrated real-time buyer-seller communication using Socket.io
- Designed and implemented RESTful APIs for seamless CRUD operations and user interactions

**Gandalf's Books** | *React, ExpressJS, MongoDB, NodeJS, Bootstrap* | [GITHUB](#) Mar' 24 – Apr' 24

- A responsive web app to browse, and purchase books by genre, age group, and interest
- Users can view book details, add items to cart, and complete orders via checkout
- Implemented review and rating features on the Book Detail page for user engagement
- Used React Context API for cart state management and MongoDB Compass for database operations
- Designed UI using Bootstrap components and implemented RESTful APIs to fetch book data

**Snake Game** | *Python, TKinter* | [GITHUB](#) Sep' 23

- Simple snake game with movements, avoid collision while playing
- Implemented food consumption and score tracking
- Added boundary collision detection
- Included a space bar cheat code to increase snake length
- Snake movement controlled using arrow keys

## CERTIFICATES

Cloud Computing | [NPTEL](#) Jul' 24 – Nov' 24  
Android App Development | [Fifth Force](#) May' 24 – Jun' 24  
Mastering Data structures & Algorithms using C and C++ by Abdul Bari | [Udemy](#) Jan' 24 – Feb' 24  
Python | [Cipher schools](#) Sept 22 – Jan' 24  
Server Side JavaScript with NodeJS | [Coursera](#) Feb' 24 – Apr' 24

## ACHIEVEMENTS

One among Dean's top 10 % students at the University: Aug' 24 – Present  
For good academic performance and extracurricular activities at the University  
Secured 5th rank in the Hackathon: Binary Blitz: Mar' 24  
Participated and ranked 5th in the Hackathon organized by Coding  
Solved 350+ questions on Leetcode: Sept' 2022- Present  
Including easy, medium and hard questions

## EDUCATION

**Lovely Professional University** Punjab, India  
Bachelor of Technology - Computer Science and Engineering; **CGPA: 8.22** Since Sept' 22  
**R.S. Convent Sainik School & Hostel** Ledhupur, Varanasi  
Intermediate; **Percentage: 86.7%** Apr' 19 – Mar' 21  
**R.S. Convent Sainik School & Hostel** Ledhupur, Varanasi  
Matriculation; **Percentage: 93.4%** Apr' 17 – Mar' 19