SURAJ SRIVASTAVA

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Education

Lovely Professional University   **Aug 2022 – Jul 2026**
Bachelor of Technology in Computer Science **CGPA: 8.61**   *Phagwara, Punjab*

Technical Skills

Languages: Java, C++, Python, JavaScript, TypeScript, HTML/CSS, PHP, SQL
Developer Tools: Visual Studio Code, Git, GitHub, Postman, Docker
Technologies/Frameworks: React.js, Next.js, Angular, Node.js, Express.js, Laravel, Tailwind CSS, Prisma

Relevant Coursework

Programming Foundations: Data Structures, Algorithm Analysis, Object-Oriented Programming
Software Engineering: Operating Systems, Web Technologies, RESTful APIs, SDLC, Code Reviews / Debugging
Backend Fundamentals: Database Management Systems, Computer Networks, System Design

Experience

Outlier   **Oct 2024 – Mar 2025**
AI Training Specialist   *Freelance*

- Leveraged **advanced prompt engineering techniques** to systematically evaluate and refine **AI model behavior**, with a focus on complex mathematical reasoning, performance gaps, and potential model limitations.
- Developed and strategically applied **targeted problem sets** to expose and address model weaknesses ("stumping"), followed by **iterative analysis and fine-tuning** to significantly improve **model accuracy and robustness**.

Projects

SmartPark | *Next.js, Python, OpenCV, Razorpay API, WhatsApp API, Node.js* ⬡   **May 2025**

- Designed an application to **reduce parking entrance delays** and **automate exit** by solving long queue issues caused by manual data entry and payment processing.
- Integrated **Automatic Number Plate Recognition (ANPR)** using **OpenCV**, **automating license plate detection** and reducing manual input by **30%**.
- Implemented **WhatsApp API via Gupshup** to send **automated payment links**, allowing users to pay anytime before exit, including a "pay later" option for overtime charges.
- Used **Razorpay API** for **seamless digital payments** and enabled **automatic gate opening** on successful transaction.

RetailCore | *React, Redux, Node.js, MongoDB, Stripe, PayPal* ⬡   **Nov 2024**

- Designed and developed an **enterprise-grade shopping website** with a dedicated **admin dashboard** for **end-to-end store management**.
- Built **secure authentication** and session management using **JWT**, enabling both customer and admin access with a smooth user experience.
- Added an admin feature to **add product details and images** in real-time, improving product update efficiency by **30%**.
- Enabled **multi-payment gateway support** via **Stripe and PayPal** for secure and flexible transactions.

Certifications

Cloud Computing	NPTEL	Oct 2024
Dynamic Programming and Greedy Algorithms	Coursera	May 2024
Approximation Algorithms and Linear Programming	Coursera	Apr 2024
Introduction to Large Language Models	Coursera	Jan 2024

Achievements

- LeetCode: Solved 400+ problems, Max Contest Rating: 1638   Profile
- GeeksforGeeks: Solved 100+ problems   Profile
- HackerRank: Earned 3-Star badges in SQL and Python.   Profile
- Adobe x GeeksforGeeks GenSolve Hack-A-Thon: Secured top 5 percentile rank all over India