

Shrey Goyal

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LinkedIn | GitHub | LeetCode

Professional Summary

Software Developer candidate and Computer Science undergraduate (CGPA 8.13/10) with hands-on experience building full-stack web applications, REST APIs, and data-driven systems using Python, React, Node.js, and FastAPI. Skilled in designing scalable backend services, responsive front-end interfaces, and automation pipelines, with additional exposure to machine learning and predictive modeling. Strong foundation in data structures, algorithms, and collaborative software development. National Winner, Smart India Hackathon 2025.

Technical Skills

Languages: Python, JavaScript, TypeScript, SQL, C++

Frameworks & Libraries: React, Node.js, FastAPI, Flask, Tailwind CSS, Framer Motion, Pandas, NumPy, Scikit-learn, TensorFlow

Databases & Tools: PostgreSQL, MySQL, Git, REST APIs, ETL Pipelines, Firebase, Postman

Concepts: Data Structures & Algorithms, System Design Fundamentals, Machine Learning, AI Automation, Agile Collaboration

Experience

SuccessBrew

Remote

Software Development Intern

Jun 2026 – Present

- Building an interaction intelligence platform's front-end and backend components using React, TypeScript, Tailwind CSS, and Python, collaborating directly with senior leadership.
- Designed and implemented data pipelines and REST APIs that transform raw interaction data into live reporting and analytics dashboards.
- Developed reusable UI components and workflow automation features, improving platform functionality and reporting accuracy.
- Collaborated cross-functionally on feature prioritization, technical scoping, and delivery timelines.

Netsmartz

Chandigarh

Software Engineering Intern

Jun 2025 – Jul 2025

- Developed 8 FastAPI endpoints reducing latency by 30%.
- Performed root cause analysis and backend optimization, reducing defects by 40%.

Headstarter AI

Remote

Fellowship Intern

Jul 2024 – Sep 2024

- Engineered 5 React/Node.js modules reducing load time by 35%.
- Automated 2,000+ monthly tasks using AI-powered workflows, saving 50+ staff hours.

Achievement

National Winner – Smart India Hackathon 2025

Led development of a VR-based Chemical Disaster Response Training Simulator for NDRF as part of a 6-member team, competing nationally against 50,000+ participants.

Projects

F1 Race Predictor – Python, Scikit-learn, XGBoost

Built predictive models with feature engineering and hyperparameter tuning.

Web Scraper & Alert System – Python, SQL, Twilio, Firebase

Built automated ETL pipelines and a real-time monitoring/alert system.

ApexTrack – React, Node.js

Developed a real-time F1 analytics platform with dashboards, community features, and admin controls.

Education

Thapar Institute of Engineering and Technology

Patiala, India

B.Tech Computer Science

2023 – 2027

CGPA: 8.13/10

Certifications

Google Data Analytics Professional Certificate – Coursera

100 Days of Code: The Complete Python Pro Bootcamp – Udemy