

Harsh Gupta

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EDUCATION

Galgotias University

Bachelor of Computer Applications (BCA); Grade: 7.85

Oct 2023 – Sept 2026

Noida, UP

TECHNICAL SKILLS

Languages: Python, Java, JavaScript, SQL (MySQL), HTML5, CSS3

Frameworks: React.js, FastAPI, TailwindCSS, Scikit-learn

Tools: Git, GitHub, VS Code, Linux, Postman, PyPI, Docker

Concepts: RESTful APIs, OOP, Web Scraping

PROJECTS

Sentio – AI-Powered Amazon Review Analyzer | *React, FastAPI, Python*

[Live Demo](#)

- Engineered a full-stack SaaS MVP that scrapes Amazon product pages and analyzes customer sentiment using NLP.
- Built a custom scraping pipeline using **BeautifulSoup** to extract data and processed it using **DistilBERT**.
- Designed an interactive dashboard using **Recharts** to visualize sentiment trends for data-driven decisions.

IndPy-Core – Indian Identity Validation Library | *Python, Regex, PyPI*

[View on PyPI](#)

- Architected and published **indpy-core** on PyPI, a library for validating Indian docs (PAN, Aadhaar, GSTIN).
- Optimized validation logic using complex Regex patterns, reducing boilerplate code by 40% for developers.
- Maintained code quality through rigorous unit testing and CI/CD pipelines, ensuring stability.

StyleOdds – Full-Stack E-commerce Platform | *Django, React, REST API*

[Live Demo](#)

- Developed a scalable e-commerce application featuring style-based clothing filtering and secure auth.
- Integrated third-party REST APIs to fetch live product data, ensuring real-time inventory updates.
- Designed a mobile-first, responsive user interface using TailwindCSS, improving accessibility.

Cross-Domain OLAP System | *Python, Pandas, SQL, Matplotlib, StreamLit*

[Live Demo](#)

- Designed an analytical system to correlate movie box office data with streaming metrics.
- Modeled a star-schema database to efficiently query large datasets for multi-dimensional analysis.
- Generated actionable insights and visualizations to track revenue versus online popularity trends.

EXPERIENCE

Hacktoberfest 2025 Contributor

Oct 2025

Remote

Open Source Community (DigitalOcean)

- Contributed to multiple open-source repositories by submitting 4+ valid Pull Requests (PRs) during the event.
- Collaborated with global maintainers to fix bugs and improve documentation, adhering to contribution guidelines.
- Enhanced codebase efficiency and modularity in Python and JavaScript projects, earning the Hacktoberfest badge.

Web Full Stack Developer Intern

Oct 2024 – Dec 2024

Remote

Eduskills (Virtual Internship)

- Developed full-stack web applications using the **MERN stack**, ensuring seamless frontend-backend integration.
- Built optimized REST APIs to handle asynchronous data flow, improving application response times.
- Implemented responsive React UI components and managed global state for a smoother user experience.

Open Source Contributor

Oct 2024 – Nov 2024

Remote

GirlScript Summer of Code (GSSOC)

- Collaborated with the open-source community to resolve bugs and add features to public repositories.
- Improved code modularity and documentation, facilitating easier onboarding for new contributors.