




Arijit Sharma

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 Mohali, Punjab

Profile

Python & Django developer with a strong tech foundation, currently building internal tools and data-driven features at HanuAI (RoadAthena). Experienced in automation, REST API development, geospatial/GPX processing, and shipping 0→1 web solutions through freelance work and real-world projects. Looking for a full-time developer role to build scalable systems and ship reliable, user-focused products.

Skills

- Backend: Python, Django, Django REST Framework, REST APIs, Redis
- Databases: MongoDB, MySQL, PostgreSQL
- Cloud & DevOps: AWS (S3, EC2, Lambda, API Gateway)
- Tools: Git/GitHub, Postman, VS Code, Jupyter Notebook, Figma

Experience

Python Developer - HanuAI (Road Athena) Jan 2025 – Present

- Built and optimized RESTful APIs using Django REST Framework for survey and geospatial data.
- Implemented a GPX-based point reduction algorithm, removing collinear coordinates and improving map rendering speed by 60%.
- Developed an interactive UI for plotting and editing GPX points with draggable markers and distance-based radial placement.
- Integrated role-based login/authentication system within the dashboard.
- Automated internal tools and workflows to reduce manual processes and improve team efficiency.

Tech Intern - CSEWhy Jun 2024 – Aug 2024

- Automated 100+ hours of course video content using JavaScript and FFmpeg.
- Created scripts to slice long videos into short reels for easier consumption.
- Collaborated with content and media teams to ensure final video quality.

Freelance Experience - Web Development

The Mindful Elephant – Kids' Skill Foundation

- Designed educational site using Squarespace for Canadian client.
- Delivered early; managed tech and client communication.
- Tools: Squarespace, Google Sheets

Hotel Website – Paradise Inn Hotel

- Launched hotel site improving online bookings.
- Delivered on time with high client satisfaction.
- Tools: Wix Studio, Canva

Projects

URL Shortener (Django)

Python, Django, HTML, CSS

- Developed a web app to shorten URLs with unique code generation and duplicate handling.
- Integrated redirect functionality from shortened URLs to original links.
- Designed a responsive, interactive front-end with dynamic forms and CSS transitions.

SMS Classifier (Machine Learning)

Machine Learning, Data Cleaning

- Built an SMS spam classifier achieving 94% accuracy.
- Applied data cleaning, visualization, and TF-IDF vectorization for model training.
- Optimized preprocessing and classification pipeline for reliable predictions.

Education

Master of Computer Application | Panjab University, Sector 14, Chandigarh | 2023-25

Bachelor of Computer Application | GCCBA(Panjab University), Sector 50, Chandigarh | 2020-23

Leadership & Campus Experience

- Training & Placement Cell Member: Assisted students with resume prep, interview readiness, and coordinated sessions with recruiters and alumni to boost placement engagement.
- NSS Vice President: Led a 200-member team, organized social drives, and managed end-to-end event execution, strengthening leadership, planning, and coordination skills.

Interests : Bike rides, exploring new places, music