HARIOM SINGH

SOFTWARE DEVELOPER

⚲ Bangalore, India |

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🔗 Portfolio |

Programming Languages:

JavaScript (ES6+), React.js, React Native, Node.js, Express.js, C, Python, Java

Backend & API Development:

RESTful API Design, Middleware Integration, Authentication (JWT, OAuth 2.0), MVC Architecture, Database Connectivity (MySQL, PostgreSQL, MongoDB), and API Testing (Postman)

Frontend Technologies:

React.js, React Native, HTML5, CSS3, Bootstrap, Responsive Web Design

Databases:

MySQL, PostgreSQL, MongoDB

EDUCATION
BACHELOR OF COMPUTER APPLICATIONS (BCA)
SEA COLLEGE, BENGALURU NORTH UNIVERSITY |
2022–2025

CLASS 12 (SENIOR SECONDARY)
LCIT PUBLIC SCHOOL | 2021–2022

CLASS 10 (SECONDARY SCHOOL)
LCIT PUBLIC SCHOOL | 2019–2020

PROFESSIONAL PROFILE

Recent BCA graduate with a strong foundation in Python, data analytics, and full-stack development, now exploring Artificial Intelligence and Machine Learning. Skilled in using Pandas, NumPy, and Power BI for data analysis and visualization, with growing experience in Scikit-learn and TensorFlow for model building. Completed internships at Hope Foundation and Renu Sharma Foundation as a Full Stack Developer Intern and Team Leader, handling client projects and guiding a small team. Independently built impactful platforms like MediTask and Men's Justice Alliance, showcasing end-to-end project ownership. Passionate about applying AI-driven approaches to create data-focused solutions for real-world challenges.

Technical Project Manager Intern
Ghapura India Pvt. Ltd. | Jun 2025 – Present
- Managed cross-functional teams to deliver **web and mobile projects** using Agile practices.
- Coordinated sprints, task allocation, and blocker resolution to ensure on-time delivery.
- Streamlined workflows with project management tools, improving team efficiency.
- **AI Relevance:** Exposure to **AI-powered workflow tools** and planning to integrate **predictive analytics for project tracking**.

Technical Project Manager Intern {View Certificate}
Renu Sharma Healthcare and Educational Foundation (Remote) |June 2025 to August 2025
Directed a remote team of 3 interns, defining scope, milestones, and timelines.
- Oversaw full-stack development (Django, HTML/CSS, JavaScript) and API integration.
- Delivered 5 web projects on schedule, boosting outreach efficiency by **30%**.
- **AI Relevance:** Identified opportunities to add **AI-driven chatbot support** for better outreach and case management.

Web Developer Intern
Hope Foundation (Bangalore) | Jan 2025 – Mar 2025
- Redesigned UI with Bootstrap and optimized Django backend, reducing load times by **40%**.
- Improved responsiveness, leading to **25% increase** in session duration.
- **AI Relevance:** Experience with **data handling and performance optimization**, useful for scaling AI-enabled web apps.

PROJECTS
Men's Justice Alliance | Live Demo
(Django | JavaScript | HTML/CSS | Geolocation API | Firebase)
- Built a full-stack web app with user authentication, geolocation tagging, and a voting system.
- Integrated Firebase for **real-time data storage** and built admin dashboards.
- Impact: Enabled **500+ users** to submit cases, with **80% receiving free legal consultations**.
- **AI Extension:** Exploring **NLP-based case classification** to auto-categorize cases and **sentiment analysis** to prioritize urgent ones.

MediTask | Live Demo
(Django | Python | Bootstrap | RESTful APIs)
- Designed a responsive healthcare management app with Django ORM and RESTful APIs.
- Improved task efficiency by **35%** for a pilot group of 50+ healthcare workers.
- **AI Extension:** Planning to integrate **predictive modeling** to forecast patient workload trends and automate scheduling.

Movie Recommendation System (In Progress)
(Python | Pandas | Scikit-learn | Jupyter Notebook)
- Developing a recommendation engine using **content-based and collaborative filtering**.
- Implements **data preprocessing, similarity measures, and evaluation metrics**.
- Demonstrates ability to apply **machine learning algorithms** to real-world datasets.