

RAJ CHAUHAN

Full stack software developer

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Summary

BSc (Hons) Computing graduate from London Metropolitan University, currently advancing my software development expertise at Lambton College. Passionate about bridging the gap between education and industry, I specialize in full-stack development, AI/ML, and scalable API design. With hands-on experience in Python, Django, JavaScript, Tailwind CSS, and MySQL, I have contributed to dynamic, high-impact projects. Additionally, my proficiency in Figma and responsive design enables me to create seamless, user-friendly experiences. I am eager to drive innovation at the intersection of development, design, and AI-powered solutions.

Technical Skills

- **Programming Languages:** Python, Java, C#, C++
- **Backend:** Django, Flask, FastAPI, Node.js, Express.js, REST APIs
- **Frontend:** React.JS, Angular, Vue, HTML, CSS, SASS, Bootstrap, jQuery
- **cloud & DevOps:** AWS, GCP, Docker, Kubernetes, CI/CD Pipelines
- **Databases:** PostgreSQL, MySQL, MongoDB, Redis,
- **AI/ML & NLP:** Python (Pandas, NumPy, Scikit-learn), TensorFlow, OpenAI APIs
- **Version Control & Tools:** Git, GitHub, Jira, Confluence
- **Software Development Practices:** Agile, Unit Testing, Code Reviews, Data Pipelines
- **Soft Skills:** Analytical Thinking, Team Collaboration, Communication, Troubleshooting

Education

JANUARY 2019 - DECEMBER 2022|
LONDON METROPOLITAN UNIVERSITY, UK
BSc. (Hons) Computing

JANUARY 2024 - PRESENT|
LAMBTON COLLEGE, MISSISSAUGA
Postgraduate – Full Stack Software Development

Professional Experience:

FULL STACK SOFTWARE DEVELOPER | HUNCHHA DIGITAL AGENCY PVT. LTD | ITAHARI, NEPAL

NOV 2021 - SEPT 2022

- Developed **10+ scalable web applications** using **Python (Django, Flask)** and **JavaScript**, improving system performance by **30%**.
- Designed **responsive and interactive UIs** using **React.js, Tailwind CSS, and Bootstrap**.
- Built **REST APIs** and integrated third-party services for **enhanced functionality**.
- Automated **data processing pipelines**, reducing manual workflows by **30%**.
- Diagnosed and resolved **critical backend performance issues**.

FULL STACK SOFTWARE DEVELOPER | CUBICAL TECHNOLOGIES PVT. LTD. | ITAHARI, NEPAL

JULY 2020 - AUGUST 2022

- Developed **backend solutions** using **Django, Node.js, and Express.js** for analytics applications.
- Gained hands-on experience in **cloud technologies** (Google Cloud, Docker, Kubernetes).
- Automated deployment pipelines using **CI/CD tools**, reducing release cycle time by **30%**.
- Assisted in **debugging, troubleshooting, and code optimization** for live application.
- Enhanced API security using authentication and authorization best practices.

Projects:

1. Job Portal Web Application | (The Job HUB) - Final Year Project |

- Designed and deployed a Python-Django-based job portal with React.js front-end.
- Implemented user authentication, job filtering, and search optimization.

2. AI – Powered Resume Generator

- Built an NLP-powered CV creation tool using Django, React.js, and OpenAI APIs.
- Integrated AI-driven text optimization to improve user experience.

3. DVD Management System

- Built an inventory management system for DVDs using C# and ASP.NET to optimize rental operations.

4. Machine Learning-Based Movie Recommendation System

- Developed a **content-based recommendation system** using **Python (Scikit-learn, Pandas, NumPy)**.
- Implemented **collaborative filtering** for personalized movie suggestions.

5. E-Commerce Platform (Mero Bazar, Zoom Mandu, Great Kart, Recipe Sharing Platform)

- Developed multi-vendor e-commerce platforms using Django, React.js, and API integrations.
- Integrated **payment gateways, authentication, and product recommendation systems**.
- Designed and optimized responsive UI for seamless user experience across devices.

6. Data Analytics Dashboard

- Designed an interactive **business intelligence dashboard** using **Django, React, and Chart.js**.
- Integrated **real-time API data fetching** for dynamic insights.

7. Client Based-Hotel Intourist Palace website Management.

- Developed a hotel website with booking and room management features.
- Frontend with HTML, CSS, Nodejs, Bootstrap; backend with Django

Achievements

- ✓ Improved API performance by 40% using query optimization and caching.
- ✓ Automated CI/CD pipelines, reducing deployment cycles by 30%.
- ✓ Developed secure and scalable REST APIs used in production.
- ✓ Contributed to open-source projects focused on ML and NLP applications.

Language

- English (Fluent)
- Nepali (Native)
- Hindi (Proficient)
- Urdu (Proficient)

PORTFOLIO & ONLINE PROFILES.

 [Rajchauhan-droid \(Rajchauhan-droid\)](#)
 [Raj Chauhan | LinkedIn](#)