

Bharat Upadhyay

8171267702 | upadhyay.bharat.2017641@gmail.com | [LeetCode](#) | [Portfolio](#) | [LinkedIn](#) | [Github](#)

EDUCATION

Graphic Era Deemed to Be University

B.Tech in Computer Science & Engineering, CGPA: 8.98/10

Dehradun, India

Sep 2020 – Jul 2024

EXPERIENCE

Software Developer Engineer - L2

HummingBird Web Solutions Limited

Jul 2024 – Present

Pune, India

- Architect and deliver web applications for **B2B clients** using **React.js**, **Express**, **Node.js**, and **Nginx**, optimizing performance, scalability, and user experience.
- Leverage **AWS services (EC2, S3)** for hosting and deploying client applications, driving enhanced reliability and deployment efficiency.

Data Science Intern

Graphic Era University

Aug 2023 – Dec 2023

Dehradun, India

- Formulated a **customer churn prediction model** using **Random Forests** and **XGBoost**, analyzing customer behavior and transaction data to identify high-risk users, improving retention efforts by **20%**.
- Leveraged **Python (Pandas, scikit-learn)** for data preprocessing, feature engineering, and model optimization, achieving 85% prediction accuracy.

PROJECTS

Bon Voyage - AI Travel Companion: React.js, Ollama, Node.js, Flask

[Source Code](#)

- Engineered an **AI travel companion** using an 82% accurate recommendation model for suggesting hotels and attractions, and integrated **Ollama's Dolphin Phi** for itinerary planning.
- Integrated a **Flask** and **Node.js** backend with a responsive frontend of **React** and **JavaScript** for seamless user interaction.

AI Powered Chatbot: Artificial Intelligence, PyTorch, NLP, Deep Learning

[Source Code](#)

- Implemented an Artificially Intelligent Chatbot (accurate upto **78%**) using **Pytorch**, **NLP** and **Deep Learning**.
- Designed to automate responses to help treat **social anxiety** and **depression**.

Netflix Clone: React.js, HTML, CSS, Firebase

[Source Code](#)

- Replicated the core features and UI/UX of '**Netflix**', including user authentication, browsing, and video playback functionalities across **8 different** devices and screen sizes.
- Implemented Firebase, React hooks, React Router, JS to craft the interface responsive, seamless and interactive.

Face Detection Attendance System: Python, OpenCV, Deep Learning, Tkinter

[Source Code](#)

- Created an Attendance System using **OpenCV**, **Deep Learning** for Face Recognition with a **Tkinter GUI**.
- Attained **78%** accuracy in face recognition, ensuring accurate and efficient attendance tracking.

TECHNICAL SKILLS

Languages: C++, Java, Python

Frontend: React.js, HTML, Tailwind CSS, Bootstrap

Backend: Node.js, Nginx, Flask, Django, Express

Databases: MongoDB, MySQL, Neo4j

Developer Tools: Docker, Git, PyCharm, Colab, Jupyter, VS Code

Cloud: AWS (EC2, S3, Lambda), Azure (VM, Blob Storage)

AI/ML: CNN, TensorFlow, Keras, PyTorch, Pandas, NumPy, Scikit-learn, OpenCV

CERTIFICATIONS/ACHIEVEMENTS

- Certified **AWS Solutions Architect(SAA-C03)** and **AWS Cloud Practitioner(CLF-C01)**, demonstrating proficiency and foundational knowledge in AWS Cloud Services.
- Secured significant milestones on **LeetCode**, having a global rank **under 20,000** with over 800+ DSA questions.
- Competed in **GFG Mega-job-a-Thon** and secured a Global Rank of 461 with a score of 172/175.