

Rohit Bhatt

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Skills

Programming Languages: C/C++, C#, Java, Python, JavaScript, SQL, HTML/CSS
Web Technologies: ASP.NET, Node.js, Express.js, React.js, Angular, Bootstrap, Tailwind CSS, REST APIs
Databases: MySQL, MongoDB
Tools & Platforms: Git/GitHub, AWS, Docker, OpenCV, .NET Framework 4.0+
Machine Learning & AI: TensorFlow, PyTorch, Scikit-Learn, NumPy, Pandas, NLP, Computer Vision

Internship

TBI - GEU May 2025 – Aug 2025
(Guide: Dr. Akansha Gupta) Dehradun, Uttarakhand

- Utilized a RandomForestClassifier to accurately detect seizures from preprocessed EEG data, achieving robust performance metrics.
- Designed a scalable ML pipeline for preprocessing EEG signals, optimizing model inference for large-scale datasets.
- Generated detailed performance reports, including accuracy metrics and classification reports, to rigorously evaluate model effectiveness and ensure reliable seizure detection.

University Projects

Neural Network Based Chess Engine Python, MCT
Graphic Era Hill University July 2024 - Nov 2024

- Integrated Monte Carlo Tree Search (MCTS) for efficient move selection and decision-making.
- Applied systematic development and testing workflows with consistent documentation, aligning with change and compliance tracking methods.
- Implemented parallelized inference for real-time decision-making, optimizing evaluation time by 40%.

Real-Time Chat App with Toxic Message Filter MERN, Python
Graphic Era Hill University Feb 2024 - June 2024

- Developed a real-time chat application using React, Node.js, and Socket.IO, supporting typing indicators, offline messaging, and persistent chat history.
- Integrated a Transformer-based ML model to detect and filter toxic/offensive messages instantly, improving conversation quality by 90% accuracy.
- Optimized backend performance with Redis caching and message queues, reducing message delivery latency to <50ms and enabling scalable handling of concurrent users.

Onicam Python, OpenCV
Graphic Era Hill University Nov 2023 - Jan 2024

- This project implements the concept of image and video processing and develops a broad understanding of Motion Detection, image and video writing and drawing algorithms.
- Self implemented code with features like Anti-Theft, Smart record and Live Monitoring.

Education

Graphic Era Hill University Dehradun, Uttarakhand
Bachelor of Technology in Computer Science and Engineering Sept 2021 - June 2025
CGPA - 8
Coursework : SDLC, CI/CD, DBMS, Object-Oriented Programming, Operating Systems, Computer Networks.

Maharshi Vidya Mandir SCHOOL Haldwani, Uttarakhand
Higher Secondary May 2019 - May 2020
Percentage - 80

Position of Responsibilities

Co-Dev (Coding Community) Dehradun, Uttarakhand
Graphic Era Hill University May 2021- June 2025

- Organized annual hackathons with 600+ participants and 8+ coding challenges.
- Led a 24-hour university-wide hackathon with 1,000+ students, focusing on AI, fintech, and security innovations.

Achievements

Rated 3 star in codechef
Secured global rank 199 in codechef October long challenge 2022
Won LeetCode 2023 annual badge given to 0.2% users
Current Coding Streak of 600+ days on LeetCode
University Ranking 10 in GFG

Codechef
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LeetCode
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GFG