CHIRAG SAXENA

Bachelor of Technology
Graphic Era Hill University, Bhimtal Campus

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GitHub Profile
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EDUCATION

· **Bachelor of Technology in Computer Science and Engineering**   *2021-25*
Graphic Era Hill University, Bhimtal, Uttarakhand   CGPA: 7.48

PERSONAL PROJECTS

· **Briefly- A custom GPT**

Developed "Summarize", an AI-driven tool using RAPID-API for creating concise summaries of lengthy articles.

- Features an intuitive interface, article management, and third-party integration to enhance student, researcher, and professional productivity.
- plans include multilingual support and advanced professionalization.
- Technologies Used: HTML, CSS, JavaScript, React.js, APIs, NLP.

· **Customized Talent Screening System**

Developed an advanced resume screening application using Python, NLP (spaCy), and machine learning (scikit-learn).

- Automated candidate classification into job categories with features for text extraction, semantic analysis, and interactive visualization using Streamlit.
- Significantly improved recruitment efficiency and accuracy.
- Technologies Used: Python, NLP (spaCy, scikit-learn).

· **Web App Based on WebRTC**

Devised an interactive real-time communication tool using WebRTC API.

- Enabled efficient connectivity for hundreds of weekly learners, improving study habits with built-in productivity methods.
- Integrated features such as text chat, video conferencing, and screen sharing for enhanced interactivity.
- Ensured cross-platform compatibility for seamless use on desktops, tablets, and smartphones.
- Conducted performance optimization to reduce latency and improve responsiveness.
- Technologies Used: HTML, CSS, JavaScript, React.js, Node.js, Express.js, WebSockets.

EXPERIENCE

· **AI Coder and Trainer**   October 2024- February 2025
OUTLIER AI   Freelance(Remote)
Developed and optimized AI-driven solutions, leveraging machine learning models for data analysis and automation.
Collaborated with cross-functional teams to integrate AI-based insights into business applications.
Worked on data preprocessing, feature engineering, and model deployment to improve decision-making.
Conducted in-depth research on AI algorithms, optimizing accuracy and computational efficiency.

· **Full Stack Developer Intern**   *July 2024 - October 2024*
TBI GEU   Remote
- Collaborated with a cross-functional team to design, develop, and implement dynamic web applications using the MERN stack (MongoDB, Express.js, React.js, Node.js), enhancing user experience and functionality.
- Participated in code reviews and contributed to maintaining coding standards, resulting in a 90% reduction in bugs.
- Utilized version control systems (Git) for efficient collaboration and code management within the team.
- Conducted unit testing and debugging to ensure high-quality deliverables and optimal performance of applications.
- Engaged in Agile methodologies, participating in daily stand-ups and sprint planning to ensure timely project delivery.

TECHNICAL SKILLS AND INTERESTS

Languages: C/C++, Python, Java Script, HTML, CSS,GoLang
Libraries / Frameworks: STL, ReactJs, ExpressJs
Cloud/Databases:MongoDB, Firebase, Relational Database(mySql),
Relevant Coursework: Operating Systems, Object Oriented Programming, Database Management System, Software Engineering.
Data and Tools: Power BI , Tableau, SQL,ETL,Excel
Areas of Interest: Web Design and Development, Machine Learning and Data Science .
Soft Skills: Problem Solving, Self-learning, Presentation, Adaptability