ATUL OLI

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Education

Graphic Era Hill University   **September 2022 – June 2025**
Bachelor of Computer Application | 8.1 CGPA   *Uttarakhand*
Gen B.C. Joshi A.P.S   **April 2019 - July 2022**
High School || Intermediate (Commerce - Maths)   *Pithoragarh , Uttarakhand*

Projects/ Experience

Elearning and Sharing Management System | *React, Nodejs, Redis/ MongoDb*   **Github**   **May 2024**
- **Admin Role**: Developed an admin dashboard enabling 80% CRUD operations control and manage over educational content, build monitoring user activity, and control user permissions role-based access. **User Role**: authentication of user, views, comments, likes, and interacts with educational resources while managing personal profile.
- Troubleshooting in Scraping data from multiple websites and store it in a database uses AI for optimized text extraction. Integration of notes making with different functionality. Sharing features, boosting engagement metrics by 40%, making it a hybrid of a social media app & blogging platform.
- Exposure of System Design concept Evaluate Smart AI by users to create smart AI blog posts with AI-generated content and automated moderation with low latency knowledge the platform.

Real-Time Face Recognition Attendance System | *Python, React, Pandas, OpenCV, Dlib*   **Github**   **Nov 2023**
- Attendance tracking using real-time facial recognition developed a web-based solution, enabling organizations to automate, seamless identification of employee and eliminate / reducing manual errors by 95%.
- Implemented AWS cloud services or API by 30% for secure storage and scalable Database Management, improving data retrieval speed, allowing real-time data extraction, attendance logs.
- Designed a responsive React.js frontend with MongoDB backend, enabling real-time attendance tracking, automated analytics, and statistical reporting with over 40% accuracy.

Custom UI Component | *For Extension, bots and Package Reusability*   **Github**   **Jan 2025**
- Packaged components as an npm library for reusable modules with robust API documentation. Applied drag-and-drop features for flexible customization, reducing front-end development time by 60% through modular and scalable UI components.
- Planning to launch a SaaS product/ AI Agents featuring a library of reusable, scalable, and accessible UI components for streamlined application development. Published an npm package with over 100+ users target, through automation.
- Created an intuitive web interface, achieving an 80% user satisfaction rate and enhancing project-building efficiency. AI-driven search feature with 70% accuracy, improving component discoverability.

Medium Blogs — Minor Projects — CERTIFICATES — More About ME :)

Work Experience

WeCode Coding Club —— TBI GEU (TBH)—— Placement Coordinator   **August 2024 - 2025**
Learn in Community
- ∗ Taught Web Development fundamentals and Data Structures and Algorithms,How Operating System works to 300+ students, enhancing my people management skills.
- ∗ Organized and facilitated coding workshops and hackathons, increasing participation by 40% and fostering a collaborative learning environment by team coordination and collaboration
- ∗ Guided, Emphasis students in innovation of personal projects, analytics resulting in a 30% increase in successful project completions of high, secure and scalable projects.

Skills / Tech Stacks

Languages: C++, Python, Java, C, HTML/CSS, JavaScript, React, SQL
Developer Tools: VS Code, Git, Github, Google Cloud Platform, Jupyter, AWS, Excel, Shell Scripting
Libraries/Frameworks: OpenCV, Numpy, NodeJs, React, Scikit-learn, Pandas, HuggingFace

Achievements / Extracurricular

- Network and Collab to solve 150+ coding problems on LeetCode, enhancing problem-solving and DSA skills.
- Contributed to open-source projects with meaningful pull requests; deployed a full-stack SaaS application on Vercel/Render featuring user authentication and dummy payment integration.
- Mentored junior students in project development; organized tech seminars, coding meetups, and college fests by leading end-to-end planning and execution.
- Completed productivity and journaling challenges (e.g., #100DaysOfCode); published technical blogs on project development and backend system design.