

RAGHAV AGRAWAL

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EDUCATION

G.L Bajaj Institute of Technology and Management, AKTU Bachelor of Technology in Computer Science ; GPA: 8.95 Vrindavan Public School, CBSE XII Aggregate : 91.8% (Year 2023) X Aggregate : 92% (Year 2021)	Greater Noida, India Oct 2023 - Present Mathura, India April 2011 - March 2023
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SKILLS SUMMARY

- Languages:** C, C++, Python, HTML/CSS, ReactJS, MySQL, SQL, MySQL Server
- Tools and Technologies:** Git, GitHub, Docker, Jenkins
- Frameworks:** Next.js, Vite, React Router, React Native, Tailwind CSS, ExpressJS
- Platforms:** PyCharm, Visual Studio Code, Jupyter Notebook
- Other:** Data Structures, REST API

WORK EXPERIENCE

DATA SCIENTIST PINNACLE LABS	Mar 2025 - May 2025
<ul style="list-style-type: none">Facilitated the transition to cloud-based data science platforms, enabling real-time data processing and reduced model training time by 4 hours per week; the findings fixed top crash causes.Collaborated with cross-functional teams—including engineering, product, and analytics—to optimize data pipelines and drive a 20% improvement in project success rates.Designed and deployed scalable Python applications to automate data preprocessing and analysis, reducing manual effort by 30% and accelerating project timelines.Designed and executed robust machine learning models, resulting in a 25% improvement in prediction accuracy and actionable business insights.	
WEB DEVELOPER COGNIFYZ TECHNOLOGIES	Dec 2024 - Feb 2025
<ul style="list-style-type: none">Led the adoption and integration of modern web development frameworks, enhancing application performance and developer productivity.Collaborated with cross-functional teams to define project requirements and deliver responsive, user-friendly web applications, contributing to a 20% boost in user satisfaction.Processed and maintained scalable front-end architectures using React.js and modern JavaScript practices, improving load times by 30%.Implemented backend APIs and optimized database queries, reducing server response time by 25% and supporting seamless user experiences.	

PROJECTS

LegalChamps - A Gamified Legal service Website	January 2025
<ul style="list-style-type: none">Designed and developed a responsive multi-page website for a fictional legal consultancy using HTML5, CSS3, JavaScript, and Bootstrap 5.Created intuitive navigation and structured content for key service sections including Startup Advisory, Licensing, Trademark Filing, and Legal Documentation.Implemented mobile-first responsive design using Bootstrap's grid system and utility classes, ensuring compatibility across all screen sizes.Designed clean, user-friendly layouts for sections such as hero banners, feature highlights, pricing cards, and contact forms.Added interactive components such as collapsible cards and dynamic forms using vanilla JavaScript and Bootstrap's built-in JS plugins.Followed semantic HTML practices to improve accessibility, SEO, and code readability.	
Yappin – Real-time Chat Application	April 2025
<ul style="list-style-type: none">Developed a real-time chat application using React.js (frontend) and Node.js with Express (backend), enabling users to join chat rooms and exchange messages live.Integrated Socket.IO for bidirectional real-time communication, supporting multiple users in dynamically created rooms.Implemented a room-based chat system where users can create, join, and leave rooms without page refresh.Designed a responsive and user-friendly frontend UI with HTML5, CSS3, and JavaScript, ensuring smooth interaction on desktop and mobile.Ensured seamless message broadcasting to all users in a room via WebSocket event handling ('joinRoom', 'chatMessage', 'disconnect').Employed modular routing and controller logic using Express.js for better backend structure and maintainability.	

CERTIFICATES

Learning Python (Infosys SpringBoard)	November 2024
<ul style="list-style-type: none">Completed a comprehensive Python programming course covering core concepts such as data structures, object-oriented programming, and file handling.Gained hands-on experience in writing clean, efficient Python code and building small-scale applications, laying a strong foundation for backend and data-focused development.	