Arya Pratap Singh Chauhan

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About Me

As a second-year student deeply immersed in coding and captivated by the boundless potential of technology, I possess a strong command of web development. Beyond the digital realm, I'm passionate about automotive engineering and the intricate mechanics of cars, which adds a dynamic flair to my pursuits. Driven by a passion for pushing the boundaries of computer vision through research, I am eager to apply my skills to real-world projects. Committed to continuous growth in both technical and research fields, I am poised to make significant contributions at the cutting edge of innovation.

Education

SRM Institute of Science and Technology, Chennai   CGPA : 8.03
Bachelor of Technology in Computer Science, CSE Core

GD Goenka International School, Surat   Percentage : 80%
High School (Class 11th and 12th)

Technical Skills

Languages: Python, C/C++, SQL, JavaScript, HTML/CSS, Java
Frameworks: SQL , MongoDB, Node JS
Developer Tools: VS Code, Git, MongoDB Compass, SQL Workbench, Python Libraries: pandas, NumPy
Canva, MS Office(Word, Excel, Power Point)
Soft Skill: Team Management, Creativity, Adaptability, Public Relations ,Time Management ,Logical
Analytics
Language: English, Hindi, French

Experience

Web Development Intern   March 2024 – Present
Bharat Intern

- My role has been a deep dive into the world of web development, where I've gained hands-on experience and refined my skills across various tasks.
- Throughout this journey, I've found immense satisfaction in crafting digital experiences that users find intuitive and enjoyable.
- I've spent countless hours mastering front-end development, from learning the basics of HTML, CSS, and JavaScript to mastering the nuances of creating visually appealing and responsive interfaces.
- On the backend side, I've embraced challenges head-on, learning frameworks like Node.js and Express.js to build dynamic and scalable web applications.
- But what truly sets this journey apart is the collaborative aspect - working closely with multidisciplinary teams to contribute to the growth and refinement of Bharat Intern's online platform.

Business Analytics Intern   March 2024 – Present
Coder's Cave

- My internship in business analytics provided me with a rich and immersive experience, allowing me to delve into various aspects of data analysis and business strategy.
- Throughout this internship, I've developed a passion for uncovering insights from data and using them to drive informed decision-making.
- I've honed my skills in data analysis tools and techniques, from Excel and SQL to more advanced statistical methods and data visualization tools like Tableau.
- My journey involved diving deep into datasets, extracting meaningful patterns, and presenting them in a clear and compelling manner to stakeholders.
- Working on real-world projects, I've had the opportunity to apply analytics to solve business problems, whether it's optimizing processes, identifying trends, or forecasting future outcomes.
- Collaborating with cross-functional teams has been a key part of my internship, as I've worked alongside professionals from different backgrounds to translate data insights into actionable recommendations for the organization's success.

Projects

Lift Management Project | Java, JavaFX, SQL, Git
- Engineered a lift management system in Java, offering users interactive progression through text inputs.
- Implemented JavaFX for the graphical user interface, enhancing user experience.
- Employed SQL for efficient data management and Git for version control.

Weather Website | *HTML, CSS, Java Script, Git ,API*
- Developed a web application using Html , CSS , Js to tell the current Weather forecast of different areas through API integration.
- Designed and developed for people to see the current weather anytime and anywhere.

Sudoku Solver | *C++*
- Developed a Sudoku solver in C++ to efficiently solve Sudoku puzzles.
- Designed algorithms to analyse and solve puzzles based on C++ programming principles.

Certifications

AWS Academy Graduate - AWS Academy Machine Learning Foundations
Amazon Web Services (AWS)
- Link To Certificate
- Graduated from AWS Academy's Machine Learning Foundations program, proficient in implementing machine learning solutions on AWS, optimizing models for performance, and deploying them effectively for enhanced applications.

Certificate of Participation – Codathon
Newton School Coding Club
- Recognized for participation and achievement in the Codathon organized by the Newton School Coding Club.
- Successfully tackled challenging coding problems, showcasing creativity and innovation in developing solutions within time constraints.

Extra-Curricular

Aaruush Club SRM   September 2022 – Present
Event management Member

Cherry Plus Club SRM   August 2023 – Present
Corporate team Member

Honour & Awards

- Achieved the NPTEL Certificate for JAVA Programming.
- Won the National letter writing competition held by India Post in 7th grade.
- Won an Inter-school quiz competition on World Elephant day.
- Participated in various Olympiads such as ISO, IMO, IEO.
- Participated in a range of inter-school sports tournaments such as table tennis, badminton, football, and swimming, adding to the dynamic sports atmosphere and fostering teamwork among peers.