

Sahiba Arora

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Professional Summary

Computer Science engineer with hands-on internship experience building full-stack applications, automated reporting pipelines, and data visualization solutions at Wipro Enterprises Pvt. Ltd. Proficient in Python, JavaScript, React, and REST APIs, with working exposure to CI/CD, Docker, Terraform, and cloud platforms (AWS).

Education

Bachelor of Technology in Computer Science and Engineering, UPES, Dehradun, India August 2023 – Present
CGPA: 8.09

Class XII, CBSE, Apeejay School, Pitampura, India 2023
Percentage: 81%

Class X, CBSE, Apeejay School, Pitampura, India 2021
Percentage: 94.5%

Work Experience

Technical Intern, Wipro Enterprises Pvt. Ltd., Bangalore, India June 2026 – July 2026

- Built a QA lab digitization dashboard covering four manufacturing plants (CSP, FAGP, RFM, and White Noodle), using React, Node.js, Express, and SQLite.
- Built automated report generation pipelines using ExcelJS and PDFKit to produce structured Excel and PDF reports, replacing manual report creation with a generate-preview-download workflow.
- Developed data visualization and business intelligence solutions using Tableau and Power BI to support business decision-making.
- Implemented role-based access control and collaborated with cross-functional teams on feature development, testing, and documentation.

Software Development Intern, G-Tech Info India Private Limited, Delhi, India June 2025 – July 2025

- Designed, developed, and deployed three production-ready commercial websites using HTML, CSS, JavaScript, and PHP, including Rapid Kits (industrial supply platform) and Shri Ambe PG (hostel services website).
- Built responsive user interfaces ensuring compatibility across desktop and mobile devices, collaborating directly with clients on requirements and customization.

Technical Skills

- Languages:** C++, Java, Python
- Web Technologies:** HTML5, CSS3, JavaScript
- Cloud Platforms:** AWS
- Databases:** MySQL
- DevOps and Tools:** Docker, Kubernetes, Git, GitHub, CI/CD, Terraform, Linux

Projects

Automated CI/CD Pipeline with Infrastructure as Code on AWS – Docker, Terraform, AWS, GitHub Actions

- Designed and deployed an end-to-end CI/CD pipeline using GitHub Actions to automate build, test, and deployment stages for a containerized web application.
- Provisioned and managed AWS infrastructure (EC2, VPC, Security Groups, S3) as code using Terraform, enabling reproducible, version-controlled environment setup and teardown.
- Containerized the application with Docker and automated image build and push workflows to Amazon ECR, with deployment to EC2.
- Added automated testing and rollback stages to the pipeline, reducing manual deployment steps and deployment time.

Digital Harm Prevention System – Python, JavaScript, Machine Learning

- Designed a behavior-anomaly detection system that monitors user activity in real time to flag high-risk or erratic behavior, triggering an automated cool-off intervention that blocks irreversible actions (e.g. sending money) without manual review.
- Integrated an AI fake news detection module using NLP and TF-IDF across four classifiers, with the best-performing classifier achieving 94.7% accuracy.

Blog Site – HTML, CSS, Python

- Built a full-stack blog application with REST-based backend routes, featuring user authentication and complete CRUD operations for blog creation and deletion.
- Focused on robust backend logic, user session handling, and secure data management.

Certifications and Activities

- AWS Cloud Quest: Cloud Practitioner – AWS Training and Certification, April 2026
- Advanced Testing Practices Using AWS DevOps Tools – AWS Training and Certification, June 2026
- Amazon DynamoDB for Serverless Architectures – AWS Training and Certification, June 2026
- Former NGO Intern at REearth Life Foundation – hands-on experience in project execution and management