# Vipul Chauhan

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## ACADEMIC DETAILS

| Examination | University/School | Year | Score |
|---|---|---|---|
| **B.Tech in Computer Science** | Graphic Era Hill University, Dehradun | 2020-2024 | 9.07 CGPA |
| **Intermediate** | Doon Public School, ISC | 2020 | 73% |
| **High School** | Doon Public School, ICSE | 2018 | 80.6% |

## FIELDS OF INTEREST

- Machine Learning, Android Development and Web Development.

## TECHNICAL SKILLS

- **Languages:** C, C++, Java, Kotlin, HTML, CSS, React
- **Databases:** MySQL, MongoDB, Firebase
- **Scripting:** Python, Shell, JavaScript, TypeScript
- **Tools:** Docker, Kubernetes, Ansible, AWS, Tailwind, Redux, VS Code, Android Studio, PyCharm

## ACHIEVEMENTS

- Secured **runner-up position at Smart India Hackathon 2022**, ranking in the **top 5 teams nationally**.
- **Top 10** among 140 teams in **AI 2.0 Hackathon, Yamaha 2023**.
- **Top 25** among 540 teams in **Poornima Hackathon 2023**.

## EXPERIENCE

- **System Engineer, Tata Consultancy Services (TCS)** ***Apr 2025 – Present***
  I developed backend services using Java and Spring Boot, focusing on building RESTful APIs, implementing microservices, and integrating with databases to deliver efficient and maintainable solutions.
- **Associate Software Engineer, Accenture** ***Jul 2024 – Sep 2024***
  Worked on Java, SQL, Spring Boot to build and maintain REST APIs. Focused on clean backend logic, transaction handling, and integration of scalable business modules.
- **DevOps Intern, Incloudo** ***Jul 2023 – Aug 2023***
  Containerized apps using Docker, automated deployments with Kubernetes, and configured servers with Ansible. Used AWS (EC2, S3, IAM) for scalable deployment.
- **Java Backend Intern, Insignia Consultancy Solution** ***May 2023 – Aug 2023***
  Built scalable microservices using Spring Boot, implemented secure APIs, and ensured smooth service integrations to support workflows.

## PROJECTS

- **Smart Attendance Capturing Mobile Application** SIH 2022 Project (July'2022 - August'2022) : Developed an android application programmed in Kotlin using the TensorFlow lite Face-net model which uses Deep Convolutional Neural Network with the accuracy of 99.8% in recognizing a face to mark attendance within the given geofenced area.
- **Group Chat Web Application** Mini Project (May'2022 - July'2022) : Built a web chat application using HTML, CSS, JavaScript, Node.js, Express.js, and MongoDB. Features include joining groups and sharing multimedia content.
- **Supermarket Billing Calculation System** Mini Project (November'2021 – January'2022) : Designed a console application build using C++ and File Handling for the stand alone system where there are 2 roles in the application that are manager for managing the stock and cashier for generating the bill.
- **Automatic licence plate detection system** Mini Project (September'2022 - November'2022) : Developed a Deep Convolutional Neural Network for recognizing the license plates of the car giving 95% accuracy using TensorFlow.
- **Driver Sleepiness detection application** Mini Project (December'2022 - January'2023) : Developed a Deep Convolutional Neural Network for recognizing the awake and drowsiness status of the driver in the car giving 96% accuracy using yolov5.
- **Football Manager App** Personal project (December'2023) : Developed a dynamic web application using Vite, React, Tailwind CSS, and Redux, enabling comprehensive football team management including player additions, updates, deletions, and formation visualizations.

## STRENGTHS

- Consistency, Leadership Skills, Pressure Handling, Problem-Solving Skills.

## INTERESTS AND HOBBIES

- Playing new Mobile Games.