ACHAL PATIL

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EDUCATION

R.C.Patel Institute of Technology, Shirpur — Expected 2025
Btech in Computer Engineering, Secured an aggregate of 7.69 CGPA

SMDR Government Polytechnic Dhule, Dhule — 2019 - 2022
Diploma in Computer Engineering , Secured an aggregate of 85.66 percentage.

N.E.S Girls High School, Parola — 2018 - 2019
Secondary School Education , Secured an aggregate of 90.20 percentage.

SKILLS

Language	C, C++, Java, Python
Frontend Tech	HTML,CSS,JavaScript
Backend Tech	JSP, Spring, PHP
Database	MySQL, MongoDB
Tools	Xampp, VS Code, Eclipse
Soft Skills	Innovated, Implemented ,Collaborated, Strategized

EXPERIENCE

Training and Internship in Spring Framework — Jan 2024 - Feb 2024
R3Sys — *Shirpur,Maharashtra*

- Developed web applications using Spring , Spring MVC, and phpMyAdmin.
- Implemented RESTful APIs and Spring Security features for application development.
- Collaborated in Agile sprints, focusing on feature development, testing, and documentation.

PROJECTS

Appointment Manager. Created an Appointment Manager App using Spring and Spring MVC, which allowed users to schedule, manage, and track appointments. Integrated phpMyAdmin for database management and implemented key features such as user authentication .

Garage Manager. Developed a Garage Manager App to streamline vehicle maintenance and repair management. Utilized Spring Boot for backend development, Spring MVC for building the web application, and PHP for database interactions. Implemented features such as vehicle tracking, service scheduling, and repair history management.

Startup Community. Developed a Startup Community Platform for connecting entrepreneurs, investors, and mentors. Utilized Java for backend development, PHP for database management, and HTML , CSS for the frontend. Implemented features for user profiles, community forums, and event management, contributing to a successful launch and user engagement.

Transforming Signs to Text for Deaf Peoples. Developed a sign language recognition system to convert hand signs into text for the deaf community. Utilized Python and TensorFlow to implement a CNN model for image classification, OpenCV for real-time sign detection, and scikit-learn for model evaluation. Leveraged a sign language dataset to train the model and achieved high accuracy in text conversion.

PARTICIPATION

- **Smart India Hackathon:** Participated in Smart India Hackathon 2023 and won the internal-level competition with a project on Agro-Tourism.
- **Converges:** Participated in Converges CodeCraze competition with a project on Car Care Central.