Deepak Dey

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Education

Wardha Valley English High School (SSC) **March 2020**
Percentage – 87.40 % *Chandrapur, Maharashtra*

Bhawanji Bhai Chauhan High School & Jr. College **March 2022**
Percentage – 81.33 % *Chandrapur, Maharashtra*

Rajiv Gandhi College of Engineering, Research & Technology **Nov 2022-Present**
B. Tech in Computer Science and Engineering *Chandrapur, Maharashtra*
CGPA – 8.14/10

Projects

1. StudyNest – Student-Tutor Learning Platform
Java, Spring Boot, Thymeleaf, MySQL, Spring Security

- Built a full-stack web app enabling students and tutors to register, log in, and access features based on roles.
- Implemented secure role-based authentication using Spring Security and BCrypt encryption.
- Designed dynamic frontend using Thymeleaf with a light purple and white theme.
- Applied MVC architecture with proper controller-service-repo layering and MySQL for data persistence.

2. ServiceHub360 – On-Demand Local Services Platform
Java, Spring Boot, Thymeleaf, MySQL, Spring Security, Razorpay API

- Developed a multi-role platform connecting users with verified local service providers.
- Implemented secure role-based authentication, booking management, wallet, and payment integration.
- Built ratings, reviews, and complaint handling features with MySQL for data persistence.
- Designed responsive UI using Thymeleaf and Bootstrap for enhanced user experience.

3. Plant Disease Prediction using CNN
Python, TensorFlow, Keras, OpenCV, Streamlit

- Built a deep learning model to classify plant leaf diseases from images with high accuracy.
- Used Convolutional Neural Networks (CNN) for image classification and preprocessing with OpenCV.
- Deployed the model with a Streamlit web interface for easy image uploads and real-time predictions.

Volunteering & Leadership

1. **Executive Member – Computer Society of India (CSI), Student Chapter** *Year: 2023–2024*
- Actively contributed to organizing technical workshops, coding contests, and guest lectures for students.
- Helped manage event logistics, registrations, and social media communication for the CSI chapter.

Technical Skills

Languages: Java, Python
Frameworks & Technologies: Spring Boot, Spring MVC, Spring Security, JPA/Hibernate, Thymeleaf, REST APIs, Swagger, Maven
Databases & Query Languages: MySQL, SQL
Tools & Platforms: Git, GitHub, Postman, IntelliJ IDEA, VS code, Docker