

EDUCATION

Degree	Specialization	Institute	Year	Percentage
Diploma	Computer Science & Engineering	Sanketika College	2022-Present	90
SSC	-	Z P High School	2022	85

WORK EXPERIENCE

- **Software Intern** [PixelWind Software Solutions] Nov 2024 - May 2025
 - **Worked independently during an AI/ML internship** to develop innovative solutions, including a **Diabetes Prediction Model** and an **E-commerce Backend System**
 - **Built a diabetes prediction model** leveraging **machine learning algorithms** to analyze patient data and predict diabetes risk with high accuracy
 - **Designed and implemented the backend architecture** for an **E-commerce platform** using **Java Spring Boot**, integrating **AI-based recommendation systems** and optimizing **MongoDB** for efficient data management
 - **Developed REST APIs** to facilitate seamless communication between system components and ensured **scalability and performance optimization**
 - **Gained hands-on experience** in **Java Spring Boot**, **MongoDB**, and machine learning workflows during the internship

PROJECTS

- **Red Cross Connect Website: Efficient Blood Donor Search Platform** [Independent Project] Jun-Oct 2024
 - Built a **web platform** to search for **blood donors** by **location and blood group**, with features like **notifications** and **calling functionality**
 - Implemented the **backend** using **Java Spring Boot** and **MongoDB** for scalable data management
 - Designed a user-friendly **frontend interface** to enhance accessibility
- **Diabetes Prediction Model** [Independent Project] November 2024
 - Developed a **machine learning model** to predict **diabetes risk** with **high accuracy**
 - Used **Python**, **Scikit-learn**, and **Pandas** for implementation and evaluation
- **E-commerce Backend Development** [Independent Project] Feb-Apr 2024
 - **Designed and implemented backend services** for an **E-commerce platform** using **Java Spring Boot**
 - Developed **REST APIs** to handle **user management**, **product catalogs**, and **order processing**, ensuring scalability and efficiency
 - Optimized **MongoDB database queries** to improve data retrieval speed and support real-time operations

POSITIONS OF RESPONSIBILITY

- **Project Head: Final Year Group Project** Jun 2024 - Oct 2024
 - Led a team of 5 members, managing planning and execution
 - Coordinated tasks and ensured timely delivery
 - Addressed challenges and ensured smooth integration

EXTRA-CURRICULAR ACHIEVEMENTS/ACTIVITIES

- **Created a front-end application at the age of 16**, showcasing early interest and skills in development

TECHNICAL SKILLS

- **Languages:** Java, JavaScript, React, Python(Beginner), MongoDB, CSS3, HTML5, Node js, Express Js, Full stack Web development
- **Tools:** IntelliJ IDEA, Jupiter Notebook, VS Code, GitHub,Eclipse,Postman