SAMRUDHI KORE

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Education

Bachelor of Technology – Computer Science and Engineering	**JUNE2024**
Nutan College of Engineering & Research (NCER), Talegaon Dabhade, Pune	7.40 CGPA
Higher Secondary School Certificate	**February 2020**
Bharat English School and Junior College, Shivajinagar, Pune	60%
Secondary School Certificate	**March 2018**
Mar Ivanios Convent High School, Pimple Gurav, Pune	82%

Technical Expertise

- **Programming Languages:** C/C++, Java, JavaScript, Advanced Java
- **Web Development:** HTML, CSS, Bootstrap
- **Database:** MySQL, PL/SQL
- **Tools:** GitHub, Eclipse, Visual Studio Code, Spring Tool Suite

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Relevant Experience

Internship

Kirloskar Oil Engines Limited (March 2024 – April 2024)

- Gained hands-on experience with **ASP.NET MVC architecture**, implementing features like routing, filters (Authorize, Action, Result, Exception), and robust error handling.
- Developed dynamic views using **Razor Syntax** (Partial Views, Layout Views, and View-start) with compile-time type checking for reliable and maintainable code.
- Performed CRUD operations to manage database records and integrated validation through **Data Annotations** to ensure data integrity.

Academic Projects

Liver Cancer Detection (June 2024)

- Leveraged **Artificial Intelligence** and the **U-Net architecture** to create a platform for accurate segmentation of liver tumors from medical images.
- Used **Python, HTML, and CSS** to build an intuitive interface for processing and analyzing uploaded medical images.
- Applied deep learning techniques for pixel segmentation, providing insights like tumor size using white pixel count analysis.
- Aimed to make advanced medical image analysis accessible and impactful in liver tumor assessment.

Personal Projects

Student Management System (November 2024)

- Developed a **dynamic web application** for managing student records using **Java, JSP, Servlets**, and **PL/SQL**.
- Implemented features such as user authentication (Admin/Student roles), CRUD operations for student data, and a dashboard interface.
- Deployed the application using **Apache Tomcat 11**, adhering to the **MVC architecture** for maintainable code.

Certifications

- **JAVA** (Core and Advanced)
- **SQL & PL/SQL**

Activities

- Completed **Japanese N5 Level Language** certification.
- Contributed to team projects that improved collaborative and problem-solving skills.