Sanjay S

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EDUCATION

Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engineering College	Chennai, Tamil Nadu
Bachelor of Technology - Information Technology CGPA - 7.8	*May 2021-2025*
HSC - Sri Mahadeva Guruji Matriculation Higher Secondary School	Valangaiman, Tamil Nadu
Computer Science Percent - 81.84	*May 2020-2021*
SSLC - Sri Mahadeva Guruji Matriculation Higher Secondary School	Valangaiman, Tamil Nadu
Percent - 71.6	*May 2018-2019*

PROJECTS

Detection of Pancreatic Cancer| Python, Attention Masked U-Net, XG-QUAD LSTM
- Developed an AI system using Attention Masked U-Net and XG-QUAD LSTM for cancer detection. Achieved a 97% test accuracy, precision of 97%, recall of 98.5%, and F1 score of 100%. Secured a ROC-AUC score of 99%. Integrated the system into a Clinical Decision Support System (CDSS).

Banking Application Development | MySQL,Servlet,HTML,CSS,JavaScript
- Developed a secure and scalable banking application using Java Servlets, facilitating efficient transaction processing and account management.
- Optimized performance, reducing server time by 30% and ensured robust security features

ACHIEVEMENTS

- *Published a Pattern for Pancreatic Cancer Detection – Recognized for contributing to innovative research in medical diagnostics.*
  - ***Application no : 202541009450***
- *Winner – Genovate Inter-College Competition – Secured 1st Prize among participants from multiple institutions for outstanding technical innovation.*

TECHNICAL SKILLS

Languages: Java, JavaScript   **Database Management:** SQL, MySQL
Web Development: HTML/CSS, JSP, Servlet
Developer Tools: GitHub, Eclipse, PyCharm, IntelliJ IDEA, Visual Studio

CERTIFICATIONS

Fundamentals of OOPS - JAVA	**Front End Development - HTML, CSS, JAVASCRIPT**
provided by EDUCBA	provided by GREAT LEARNING ACADEMY

INTERESTS

Learning new IT tech, UI Designing, Data Science, Volunteer Service

STRENGTHS

Adaptability, Problem Solving, Good in Leadership, Critical Thinking, Decision Making

LANGUAGES

Tamil, English