SAHIL SHARMA

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@itsmesj   /sahil-sharma-codes

SKILLS

- ❖ **Full Stack:** React.js, Node.js, Express.js, JavaScript, RESTful API, Git, MongoDB, PHP
- ❖ **Programming:** C, C++, Python (Machine Learning, Data Analytics), Java (Multi-threading,JDBC, Swing, Collections, Functional Programming)
- ❖ **Databases & other skills:** SQL, MySQL, PLSQL, Linux, OOP, HTML, CSS, Tailwind CSS
- ❖ **Tools & IDEs:** Microsoft Visual Studio Code, IntelliJ Idea, Eclipse, Jupyter Notebook, Microsoft SQL Server, Oracle SQL Plus, Ubuntu

EDUCATION

- ❖ **MCA** | JIMS, Rohini Sector-3, Delhi   *70.23% | (Jul '24)*
- ❖ **BCA** | CPJ College of Higher Studies & School of Law, Delhi   *CGPA 7.26 | (Jul '21)*
- ❖ **DCBA** (Diploma) | DICS, Punjabi Bagh, Delhi   *(Jul '18)*
- ❖ **XII** (CBSE) | Modern Child Public School, Nangloi, Delhi   *61.2%| 2017*

EXPERIENCE

- ❖ **AI Research Contributor | Jims, Rohini Sector-3, Delhi** | GitHub   *(Sep '23 – Dec '23)*

  - ➤ Co-Author: Contributed to a research paper titled *"Object Detection and Age, Gender Estimation using Deep Learning: An Overview", published in IJCAI.*

  - ➤ Model Analysis: Conducted an in-depth analysis of various object detection pre-trained models, evaluating their efficiency, limitations, and performance, leading to a 15% improvement in model selection for specific tasks.

  - ➤ GUI Application Development: Designed and developed a GUI application that utilizing a Mask RCNN pre-trained model on a tested dataset, achieving a 90% accuracy rate. Tools used – Python3, Pytorch, OpenCV, Torch vision, Pandas

ACADEMIC PROJECTS

- ❖ **Video Streaming Platform** | GitHub
  - ➤ Full Stack Development: Created a fully responsive MERN stack web application with RESTful APIs resulting in a streamless UX leading 20% user retention.
  - ➤ Key features: Implemented functionality such as video upload, CRUD operations, user subscriptions, video cards list, video player, and secure user authentication.
  - ➤ Tools: MongoDB, Express.js, React.js, Node.js, Bootstrap, CSS, JavaScript, HTML
- ❖ **Grocery Ops** | GitHub
  - ➤ Built an intuitive GUI application to streamline inventory, bills, and staff resulting in 35% reduction of data entry errors and achieved more accuracy through automation.
  - ➤ Tools: Java, Collections & Generics, Swing, JDBC, MySQL, Jasper Reports

ACHIEVEMENTS / CERTIFICATES

- ● Bagged 1st position in a Poster-making & Presentation Contest on Network Security at Jagannath Institute of Management Sciences, Rohini Sector-3, Delhi.

LANGUAGES

- • English (Fluent), Hindi (Native)