



RISHAV KUMAR SAW

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PROFESSIONAL SUMMARY

Dynamic and organized young coder with a solid foundation in software development. Skilled in translating business requirements into innovative software solutions. Known for logical thinking and the ability to tackle complex problems effectively.

TECHNICAL COMPETENCIES

C | C++ | JAVA | PYTHON | APEX | SQL
| KOTLIN | HTML | CSS | JAVASCRIPT |
REACT JS | GIT/GITHUB | LINUX |
UNITY 2D/3D | AI & ML | MS EXCEL |

INTERPERSONAL SKILLS

Problem Solving | Team Leadership |
Management & Coordination | Decision
Making | Team Player

LANGUAGES KNOWN

English | Hindi

CERTIFICATIONS

- Cloud Computing (NPTEL)
- Cyber Security Specialization (Coursera)
- Creativity & Critical Thinking (Coursera)
- Software Testing (NPTEL)
- Data Mining (NPTEL)
- Cryptography (Coursera)
- Web Development (Coursera)
- Leadership & Negotiation Skills (Coursera)

EDUCATION

Bachelors in Computer Science Engineering | Chandigarh University, Gharuan

Session: 2020-2024 | Score: **7.91 CGPA**

Intermediate (CBSE) | RajKamal Saraswati Vidya Mandir, Dhanbad

Session: 2019-2020 | Percentage: **79.33%**

Matriculation (ICSE) | De Nobili School, FRI, Digwadih

Session: 2017-2018 | Percentage: **80.6%**

TRAINING & PROJECTS

PERSISTENT | INTERN JUL 2023 – SEPT 2023

- Summer Intern under the [Persistent Martian – Summer Internship Program](#).
- Actively participated in extensive and interactive sessions led by the company's top recruiters to gain deep insights, knowledge, and mentorship.
- Topics covered included **Linux**, **Data Structures**, and **Database Management System** to enhance understanding and proficiency.
- Engaged in interactive discussions and Q&A sessions to ensure active participation and comprehension.
- Received positive feedback from facilitators for active engagement and receptiveness to learning opportunities.

SALESFORCE | INTERN JUL 2022 – SEPT 2022

- Participated in the **Salesforce Developer Catalyst** program as a [Salesforce Developer](#) Intern, gaining hands-on experience with the Salesforce Platform and Developer Console Interface.
- Designed and developed Web-Apps utilizing the Lightning App Builder to meet client requirements and enhance user experience.
- Implemented processes and functions to efficiently manage databases and automate actions triggered by user events in both production and testing environments.
- Leveraged APIs to ensure security and integration of asynchronous services, as well as for event monitoring and process automation.

ARLEARN

- [Augmented Reality Android Application](#) based on **Unity 3D** and **Vuforia Engine** using Image target analysis.
- The models are generated based on the images and are completely **dynamic** (based on the size of the image shown).
- The models generated can be **3D viewed** from any angle.

TECHIFY

- A [full-stack E-commerce web](#) application for online shopping with connected backend to the database.
- Used the XAMPP server to host it and check it on the server.

AUTOMA_HOME

- A virtual home automation module using **Arduino** and **Bluetooth** module.
- Works with voice** and understands the command and reacts to it.
- Also, [created an app](#) for it to work right from any Android mobile device.

VISION

- A [text sentimental analysis](#) and **voice recognition bot**.
- Used the **Python** audio engine & libraries to accomplish this project.

RESEARCH PAPER

Empowering Medical Diagnosis with Deep Learning-Driven Image Segmentation, ICIMIA, 2024 | [IEEE Conference Publication](#) | [IEEE Xplore](#)

- Conducted comprehensive analysis and comparison of various deep learning models for medical image segmentation.
- Unveiled the transformative power of preprocessing methodologies and model optimization, significantly augmenting diagnostic accuracy and clinical utility.
- Contributed to advancing healthcare diagnostics through innovative computational methods.