

# Rishi Sharma

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🐙 GitHub

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## EXPERIENCE

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### •TechnoStrap Digital

Jun 2019 - Jul 2021

*Python Full Stack developer*

- Involved in Software Development Life Cycle experience including Requirements, Specifications Analysis/Design, and Testing as per the SDLC and Waterfall.
- Leveraged Power BI for data visualization and analytics, creating interactive dashboards, and generating insightful reports to support data-driven decision-making processes.
- Collaborated with front-end developers to optimize GUI and increase implementation efficiency by 45% in a highly efficient web application.
- Utilized Bootstrap, React.js, and Node.js to create responsive web designs that enhanced user experiences.
- Coordinated with business stakeholders to gather requirements and delivered high-quality solutions following Waterfall methodologies.
- Experienced in API integrations (REST) and keen understanding of database models and SQL.
- Utilized Power BI to extract and transform data from various sources, ensuring data accuracy and relevance.

## EDUCATION

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### –Master of science in Computer Science

2021-23

*California State University, Northridge*

GPA: 3.62/4.00

### –Bachelor of Science and Technology in Information Technology

2017-21

*Shri Vaishnav Vidyapeeth Vishwavidyalaya , Indore*

GPA: 7.74/10.00

## PROJECTS

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### –Hand Gesture Recognition System

*A Hand gesture recognition system, implemented using python.*

- \* Developed an innovative web interface using machine learning models enabling users to perform various tasks, such as capturing images or playing media, with simple hand gestures.
- \* Utilized OpenCV and NumPy to effectively segment the hand region, recognize patterns and gestures, and execute the designated task, showcasing technical proficiency and problem-solving skills.
- \* Integrated OpenCV library allowing Hand Detection and Recognition with 90-95% precision.

### –SVVV-DESK

*A web app for students to share notes and papers, and for professors to upload lectures and announcements.*

- \* Created a special purpose Java-based web application that allows students to exchange notes, papers, etc. and allows professors to upload lecture materials and make announcements.
- \* Showcased proficiency in Java programming and ability to interact with customers to correctly interpret their needs and requirements.

## TECHNICAL SKILLS AND INTERESTS

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**Languages:** C, C++, Python, SQL, HTML5, CSS, JavaScript, Ajax, XML, JSON, jQuery, Bootstrap

**Libraries :** NumPy, Pandas, Matplotlib, Plotly, TensorFlow, Seaborn, OpenCV, Web2py, CherryPy, Requests

**Data Visualization:** Power BI

**Frameworks:** React, Django, Flask, Node.js, REST

**Databases:** SQL, MySQL, MSSQL

**Areas of Interest:** Software Design and Development, Web Design and Development.

**Operating Systems:** Windows , Linux

**Relevant Coursework:** Data Structures, Algorithms, Software Engineering

## SOFT SKILLS

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- \* Strong problem-solving and analytical abilities.
- \* Effective communication and collaboration in cross-functional environments.
- \* Passion for learning and continuous professional growth.

## CERTIFICATES

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- \* The Complete Python Bootcamp: UDEMY
- \* Python 3 Tutorial Course: SOLOLEARN
- \* SQL Intermediate Course: SOLOLEARN