

Rishav Singh

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[Github Profile](#) [Portfolio](#)

OBJECTIVE

Motivated Computer Science student seeking a Software Developer internship. Strong grasp of software development principles, eager to apply knowledge, and grow in a dynamic environment. Ready to collaborate and contribute to impactful projects.

EDUCATION

Perusing Bachelor of Computer Science, University of Petroleum and Energy Studies 2022 - 2026
Relevant Coursework: Machine Learning and AI Fundamentals, Data Engineering, Full-Stack Development.

Central Board of Secondary Education (12th) 2021 - 2022
Percentage: 80%

Central Board of Secondary Education (10th) 2019 - 2020
Percentage: 90%

SKILLS

Technical Skills: Data Structures and Algorithms, Artificial Intelligence, Computer System Architecture, Frontend, Database Management Systems, Object Oriented Programming, Software Engineering and Project Management

Soft Skills: Collaboration, Adaptability, Problem-Solving, Creativity, Time-Management

Languages: C++, Python, Java, HTML, CSS, JavaScript, React, Node.js, Angular js, MongoDB, MySQL

INTERNSHIPS

DIMTS(Delhi Integrated Multi-Modal Transit System), 10/6/2024- 10/8/2024

Executed diverse modules of enterprise-level projects, utilizing advanced Data Analysis & Predictions, and deploying cutting-edge Generative AI solutions using Python.

Performed in-depth Regression and Clustering analysis on Bus traffic and route data, achieving significant optimization and efficiency improvements.

Developed and integrated a high-performance Discriminative Chatbot Assistant into the company website, enhancing user interactions and driving engagement.

Drishti Foundation Trust, 15/5/2023- 15/7/2024

Successfully orchestrated a Social Internship with the Drishti Foundation Trust (DFT) in collaboration with the Ministry of Healthcare, Government of India.

Led the efficient distribution of essential medical services and medicines to underserved communities within the

jurisdiction of the Municipal Corporation of Delhi.

Proactively engaged with local communities to promote and raise awareness on crucial health and hygiene practices, resulting in a marked improvement in public health awareness.

PROJECTS

AI Discriminative Chatbot, 10/6/2024 - 10/7/2023

Developed and deployed an advanced Discriminative Chatbot Assistant integrated with the company website. Utilized Python to extract and analyze data from uploaded PDFs, enhancing user interaction through dynamic and context-aware responses.

AI Grammatical Parser, 1/6/2023 - 9/6/2024

Engineered a sophisticated Grammatical Parser leveraging machine learning techniques to analyze and categorize English syllables. This Python-based solution improved language processing efficiency and accuracy.

Invoice Generator, 1/6/2023 - 9/6/2023

Designed and implemented a comprehensive Invoice Generator using React and JavaScript. The project featured a responsive Landing page, detailed Description page, and a robust invoice generation module, enabling seamless PDF invoice creation.

Covid Management System, 1/6/2021 - 1/9/2021

Developed a Python and SQL-based Covid Management System that aggregated data from Indian Government APIs to provide real-time national and state-level insights on Covid cases and vaccine availability. Integrated Notification, Geolocation, and Verification services to enhance crowd data collection and data accuracy.

CERTIFICATIONS

Coursera

Design Thinking, 10/1/2024 - 10/5/2024

Ethical Leadership, 10/8/2023 - 10/12/2023

Leading Teams, 10/1/2023 - 10/5/2023

Learning How to Learn, 10/8/2022 - 10/12/2022