Shrey Kumar Singh

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ABOUT ME

Passionate and responsible Computer science graduate with a strong commitment to solve industry level complex problems, Known for punctuality and a dedication to delivering high-quality work. Eager to contribute technical expertise and innovative thinking to a dynamic team.

EDUCATION

Goa Engineering College Ponda, Goa
Bachelor of Engineering in Computer Engineering, 8.2 CGPA *Oct. 2022 – May 2026*

Damodar Higher Secondary school of Science Margao, Goa
Science-PCM *June. 2020 – May 2022*

EXPERIENCE

Full Stack Developer Intern June 2026 – Present
TechUp Labs *Pune, India*
- Developed a REST API using FastAPI and PostgreSQL to store data from learning management systems
- Developed and Deployed a full-stack web application using NextJs, PostgreSQL and Docker to analyze GitHub data

Data Analyst Support Intern Sep. 2025 – Oct 2025
SmartLearn.AI *Panjim, Goa*
- Communicate with managers to analyze the students data
- Data cleaning and Dashboarding on the data set provided using Pyhton and PowerBI
- Coordinated with team members to manage the Database of the company

Tandav-15 Website Team Member May 2024 – May 2024
Goa Engineering College *Ponda, Goa*
- Worked on the front-end of the Tandav-15 website using React.
- Used the Version control system *Git, Gitbash, Devtools* to work remotely on the project
- Improved the SEO of the website using Google Analytics

PROJECTS

Face Detection | *Python, TensorFlow, Flask, PostgreSQL* June 2024 – August 2024
- Developed a full-stack web application with Flask to detect the Face of a human being and classify and male or female
- Used the face data set from *Kaggle* cleaned and trained the model using Python, Tensorflow.
- Iterated machine learning algorithms on the data set to get accurate prediction
- Deployed the model as a website using Flask and runned the tests on unseen data

TimeTable generator | *NextJS,Graphql,RestAPI,MongoDB* May 2023 – May 2023
- Developed a website for schools and institution which automates the work of making a school TimeTable for the students
- Used Greedy Algorithms to perform the process of TimeTable Generation
- Used by many schools in Goa as prototype to minimize the workload of teachers

TECHNICAL SKILLS

Languages: Java, Python, C/C++, SQL (Postgres), JavaScript, HTML/CSS, R
Frameworks: React, Node.js, Flask, NextJs, WordPress, Material-UI, FastAPI
Developer Tools: Git, Docker, TravisCI, Google Cloud Platform, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse
Libraries: pandas, NumPy, Matplotlib

HOBBIES

- Competitive codding 3 star on various online codding platforms
- Open source contribution on Github