Satyam Kumar

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Summary

- Motivated Computer Science student with hands-on experience in full-stack web development with proficiency in React.js, Node.js, and MongoDB.
- Strong problem-solving skills with proven adaptability and leadership through coding competitions and hackathons.
- Passionate about contributing to innovative projects and building user-friendly applications.

Technical Skills

Programming Languages: C/C++, Java, SQL, JavaScript, HTML/ CSS
Frameworks and Libraries: ReactJS, Node.js, Tailwind CSS, Express.js, Pytorch
Tools and Platforms: Git, VS Code, Figma, MongoDB, Google Colab, Postman
Data Analysis: Pandas, NumPy, Matplotlib

Projects

PulsePoint — January–Ongoing
- Building a full-stack news website using MERN Stack with news summarization feature using NLP technique to generate concise summary for lengthy atricles.
- Integrating Fake News Detection and Sentiment Analysis using PyTorch & NLP, verifying news authenticity and classifying articles as Positive, Negative or Neutral.
- Designing Personalized Content Recommendation system using deep learning and collaborative filtering to enhance user engagement.

Skill-Link — August 2024
- Built a web application connecting local workers with clients using EJS, Express.js and JavaScript.
- Added a search feature enabling filtering by zip code and service type.
- Integrated secure authentication and authorization using JWT.

Handwritten Digit Recognition using MNIST Dataset — March 2024
- Built a machine learning model in Python to classify grayscale images of handwritten digits (0-9) using the MNIST dataset.
- Used NumPy, Pandas, and Matplotlib for data processing and visualization .
- Achieved an accuracy of 90% in digit classification.

Education

Chitkara University — Baddi, HP
*Bachelor of Engineering in Computer Science - **9.39** CGPA* — *2022–2026*

Key Achievements

Participated in CODEATHON 5.O — Nov. 2024
Chitkara University — *Baddi, H.P*
- Ranked in the top 5% of participants, showcasing strong problem-solving and algorithmic skills.
- Improved coding proficiency by adopting innovative approaches to challenges.

Participated in Google Cloud Study Jam Campaign by GDSC — Nov. 2023
Chitkara University — *Baddi, H.P*
- Participated in a series of workshops on cloud computing organized by GDSC.
- Earned a certificate from Google for completing the program.