

Anurag Parashar

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EDUCATION

SRM Institute of Science and Technology, Ghaziabad

Bachelor of Technology in Computer Science

Sep 2022 - May 2026

CGPA: 8.69

PROJECTS

Image Caption Generator [GitHub Repository]

Python, TensorFlow, Keras, NumPy, Matplotlib

Deep Learning and Computer Vision Application

- Designed a CNN-RNN deep learning model to generate captions for images using the Flickr8k dataset.
- Utilized the pre-trained Xception CNN to extract 2048-dimension feature vectors and trained an LSTM-based sequence model to generate captions.
- Managed the complete model lifecycle, including training, validation, and saving the model and tokenizer for real-time inference on new images.

Laptop Price Predictor [GitHub Repository]

Python, Pandas, NumPy, scikit-learn, Flask, Git

Machine Learning Web Application

- Developed a full-stack ML application to predict laptop prices based on specifications such as brand, processor type, RAM, storage, and GPU.
- Performed EDA to identify pricing factors and trained Random Forest model achieving 90%+ accuracy.
- Trained and tuned a Random Forest model after pre-processing 1,300+ entries. Tested using PyTest to ensure model stability and maintainability.
- Validated model with R^2 and RMSE metrics and integrated robust data cleaning pipeline.
- Built an intuitive Flask interface for real-time price predictions.

EXPERIENCE

Software Development Intern

July 2025 - Aug 2025

Bluestock Fintech

Remote

- Created a scalable IPO web platform using Django and PostgreSQL, enabling secure RESTful API integrations.
- Demonstrated adaptability by using Python for backend ML model integration, JavaScript for frontend UI, and SQL for database queries.
- Visualized IPO analytics using Chart.js, improving data insight visibility by 40%.
- Implemented CI/CD workflows using GitHub Actions to automate testing and deployment, reducing release time by 30%.
- Collaborated across product, design, and tech teams via BlueFlow; contributed to 20+ user stories.

GFG Student Chapter Core Member

Sep 2024 - July 2025

Organized hackathons and secured sponsorships

SRM IST Ghaziabad

- Organized a 24-hour hackathon with 200+ participants, secured sponsors that increased funding by 30%, and managed event logistics achieving 95% participant satisfaction.

SKILLS

Programming Languages: JavaScript, C++, HTML, CSS, Python, SQL(PostgreSQL)

Languages and Frameworks: Node.js, Express.js, React.js, Scikit-learn, REST API, TensorFlow

Tools and Technologies: Pandas, Jupyter Notebook, Git, NumPy, Matplotlib, Seaborn, MongoDB

Technical Skills: Data Cleaning, Regression Models, Data Structures, Problem Solving, Debugging

Areas of Interest: Data Science, Full-stack Development, Data Mining, Business Intelligence

Domain Knowledge: Agile (Scrum), SDLC, AWS Core services, Azure (Basics)

CERTIFICATIONS

NPTEL Data Mining [View Certificate]

Score: 66%

AWS Certified Developer – Associate

Infosys Springboard

ACHIEVEMENTS

Smart India Hackathon

Sep 2024

Built a smart learning platform - "SmartyPants"

Top 10 Teams

- Selected among the Top 10 teams in the internal hackathon round of SRM IST for Smart India Hackathon 2024.
- Led frontend integration and contributed to secure backend APIs.