

EESH SAGAR SINGH

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SUMMARY

AI/ML Developer with hands-on experience building neural networks and deep learning models for predictive analytics. Proficient in Python, TensorFlow, scikit-learn, and NLP techniques with a strong foundation in full-stack development. Passionate about leveraging machine learning to solve complex real-world problems and drive data-driven decision making.

TECHNICAL SKILLS

Languages: Python, JavaScript (ES6+), Java, C/C++, SQL, HTML5, CSS3

Frameworks & Libraries: React.js, React Native, Node.js, Express.js, scikit-learn, TensorFlow, Keras, PyTorch, Pandas, NumPy, Matplotlib, Seaborn

Machine Learning & AI: Deep Learning, Neural Networks, Natural Language Processing (NLP), Supervised & Unsupervised Learning, Model Development & Optimization, Feature Engineering, Data Preprocessing, End-to-End ML Pipelines

Developer Tools: Git, MongoDB, MySQL, RESTful APIs, Chart.js, Postman, VS Code

EXPERIENCE

Web Development Intern

Apr 2025 – Jun 2025

Zidio Development

Remote, Delhi, India

- Collaborated with cross-functional teams to develop and optimize web-based solutions, enhancing feature functionality and user experience through iterative testing and code reviews
- Conducted technical research and analysis to support development initiatives while maintaining strict confidentiality protocols for client data and proprietary systems
- Contributed to full-stack development projects using modern JavaScript frameworks and RESTful API integration

PROJECTS

Crypto Price Prediction Model

Python, TensorFlow, Keras, scikit-learn, Pandas, NumPy

2025

- Engineered a deep learning model using neural networks and machine learning techniques to predict cryptocurrency price movements with time-series data analysis
- Implemented LSTM and dense neural network architectures, achieving improved prediction accuracy through hyperparameter tuning and regularization techniques
- Performed comprehensive data preprocessing including normalization, feature engineering, and train-test splitting using Pandas and NumPy for 50,000+ data points
- Evaluated model performance using RMSE, MAE, and R² metrics with visualization of prediction results using Matplotlib

Instagram Clone - Full-Stack Social Media Platform

React.js, Node.js, Express.js, MongoDB, RESTful APIs

2024

- Built a full-featured social media application with user authentication, profile management, image uploads, real-time likes, comments, and dynamic newsfeed functionality
- Designed and implemented RESTful API endpoints with Node.js and Express.js to handle CRUD operations for user data, posts, and interactions stored in MongoDB
- Developed responsive front-end interface using React.js with state management and component lifecycle optimization for seamless user experience

EDUCATION

Maharaja Agrasen Institute of Technology

Delhi, India

Bachelor of Technology in Information Technology; GPA: 8.5/10.0

Aug 2023 – May 2027

CERTIFICATIONS

Complete Data Science, Machine Learning, Deep Learning, NLP Bootcamp by Krish Naik (Udemy) | Complete Generative AI Course With Langchain and Huggingface by Krish Naik (Udemy) | Complete Computer Vision Bootcamp with PyTorch & Tensorflow by Krish Naik (Udemy) | Career Essentials in Generative AI (Microsoft) | Career Essentials in Software Development (Microsoft)