Ujjwal Kumar

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EDUCATION

Maharaja Agrasen Institute of Technology - Delhi, India   2022 – Present
Bachelor of Technology in Electronics and Communication
CGPA: 7.8 / 10 (as of 6th semester)

PROJECTS

Authify | Next.js, TypeScript, MongoDB, JWT, Nodemailer

- Developed a full-stack authentication system with email verification and JWT-based login
- Integrated Nodemailer for email handling and Mongoose for database management
- Built responsive UI using Tailwind CSS and managed API calls with Axios
- GitHub

MailSense | Python, NLP, Flask, Tailwind CSS

- Developed a spam detection model using Multinomial Naive Bayes and NLP techniques
- Optimized with GridSearchCV and handled class imbalance using SMOTE
- Deployed via Flask web app for user interaction
- GitHub

Pokedox | Python, CNN, React.js, Tailwind CSS, FastAPI

- Built a CNN model to classify images into 10 Pokémon categories
- Trained on a custom image dataset and integrated with a full-stack web app
- Developed frontend in React.js with Tailwind CSS and backend in FastAPI
- GitHub

TECHNICAL SKILLS

Languages: C++, Python, JavaScript
Frontend: React.js, Tailwind CSS, HTML, CSS
Backend: Node.js, Express.js, RESTful APIs
Machine learning: NLP, Supervised & Unsupervised algorithms, Neural Networks
Misc: Flask, Streamlit, SQL, Git

CERTIFICATIONS

Complete Machine Learning Bootcamp – Udemy(Krish naik)   July 2024
Web Development course – Udemy(Hitesh choudhary)   July 2025