

AKSHAY BITLINGU

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Objective

Passionate about backend web development and eager to explore opportunities in machine learning to contribute to innovative and impactful projects.

Education

Bachelor of Science in Computer Science

IIT Mandi, CGPA: 6.90

Expected Graduation: June, 2026

Skills

Programming Languages: Python, C++, JavaScript

Web Development: HTML, CSS, Node.js, Express.js

Databases: MongoDB, SQL

Machine Learning: Scikit-learn, supervised learning

Other: Git

Projects

Trade-Platform

- Developed a full-stack e-commerce website using HTML, CSS, and JavaScript for the frontend.
- Implemented backend functionality with Node.js and Express.js, integrating MongoDB for database management.
- Secured user authentication with JWT (JSON Web Tokens) for privacy and implemented dynamic content rendering with EJS.
- Deployed and optimized the website on Render for reliability and performance.

Heart-Disease-Classifier

- Developed a machine learning classifier in Python using scikit-learn to predict disease presence based on clinical reports.
- Implemented models such as logistic regression, KNN, and random forest classifier.
- Selected the optimal model and conducted hyperparameter tuning to enhance performance.

AI-Text-Summarizer-App

- Developed a full-stack website with a text summarization feature.
- Technologies used include HTML, CSS, JavaScript for the frontend, and Node.js with Express.js for the backend.
- Implemented functionality allowing users to paste text for summarization.
- Upon clicking "Summarize," the frontend sends a request to the backend server, which interacts with the Hugging Face text summarization model API.
- The summarized text is then displayed on the frontend for the user.

Languages Known: English, Hindi, Telugu