

# Manas Tiwari

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## EDUCATION

### Dr. Akhilesh Das Gupta Institute of Technology & Management

New Delhi

*Bachelor of Technology in Computer Science, CGPA: 8.9*

*Dec. 2020 – June 2024*

### Kendriya Vidyalaya Sangathan AGCR. Colony

New Delhi

*12th Standard CBSE Board Percentage: 89.6*

*2020*

## PROJECTS

### CodeExecuter - Backend API | *Nodejs, Express, MongoDB Atlas, Handlebars*

- Implemented a **RESTful API** using Node.js and Express.js that handles various endpoints for **code submission, execution, and retrieval of results in Python and JavaScript**.
- Implements authentication using JWT (JSON Web Tokens) to secure the API endpoints and restrict access to authorized users only.
- Utilizes MongoDB Atlas as the database to store user data and execution results, ensuring data persistence and scalability.

### Github Bot - Comment-Guard | *JavaScript, Nodejs, Probot*

- Developed a GitHub bot using JavaScript, Node.js, and the Probot framework to implement an **automated system for filtering offensive and profane words** from issues and comments within repositories.
- Integrated the bot seamlessly with the GitHub platform, allowing it to monitor and analyze user-generated content in real-time.

### Terminal Portfolio 'npx\_manas' | *Nodejs, NPM, CLI*

- Developed an **NPM package** called "npx\_manas" using Node.js, which allows users to conveniently view and access my portfolio directly from the command line.
- Designed the package to be easily installable and executable using the popular NPM tool, enabling users to access my portfolio with a simple command: **"npx npx\_manas."**

### Portfolio Website (Ongoing) | *JavaScript, ReactJs, Tailwind CSS, HTML*

- Developed a personal portfolio website using JavaScript and React.js, showcasing my skills, projects, and accomplishments.
- Utilized React.js to create reusable components, improving code efficiency and maintainability.

### Dad Jokes Website | *JavaScript, Axios, HTML, CSS*

- Developed a web project utilizing JavaScript, HTML, and CSS.
- Implemented API integration using Axios (HTTP Client) to retrieve joke data in real-time.

## TECHNICAL SKILLS

**Languages:** C/C++, JavaScript, Python, Java, HTML/CSS, Go

**Frameworks:** React, Node.js, Tensorflow

**Developer Tools:** Git, VS Code, PyCharm, IntelliJ, Docker, Insomnia

## ACHIEVEMENTS & EXTRACURRICULAR ACTIVITIES

**Solved over 450** programming problems related to DSA on platforms like **LeetCode, hackerrank, CodeChef** etc.

**Flipkart Grid 5.0:** Qualified Round 1.

**GGSIPO Sports Meet - Chess Team:** Achieved 6th position among 60 participating teams in the IPU University sports meet.

## ACADEMIC CERTIFICATIONS

**Supervised Machine Learning: Regression and Classification** Deeplearning.ai

**Advanced Learning Algorithms** Deeplearning.ai