Vishal Sharma

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Experience

Internship | Shooting With Stars | July 2023 - Present
- Added bcrypt and OAuth Google authentication to the client's web app and scaled user registration by 12%
- Built a Chatbot using React-Hooks and OpenAI API
- Utilized external CSS libraries to enhance the UI/UX of the company's portfolio website for a 26% boost in user retention

Freelance | Freelancer.com | February-June 2022
- Implemented price drop email alert system for user input stocks using BeautifulSoup4 and smtplib
- Added Speech Recognition to the client's landing page using annyang.js

Summer Mentorship | ISTE NITK, Surathkal | May-June 2021
- 4 weeks Web Development Bootcamp with assigned projects every week
- Introduction to REST APIs, DOM manipulation using jQuery, and Route handling using Express.js

Projects

AI_PromptHub | Full Stack | Visit
- Platform to Discover, Share and Create creative AI-powered prompts
- Route Management using Next.js and React router and next-auth Google authentication and bcrypt encryption
- MongoDB and Mongoose powered CRUD operations on user's posts and user profile dashboard
- Search by content, username, and tag implementing React Hooks with Fully Responsive Tailwind CSS design

Comment Sense | Machine Learning | Visit
- Detailed analysis of individual YouTube comments via user input URL implementing Streamlit
- Fetching comments and emoji information with Google Cloud Console API and demoji respectively
- Polarity, Subjectivity and text analysis using textblob and graphical result display with numpy and matplotlib

Forify_Me | Chrome Extension | Visit
- Predicts strength of user input passwords and estimates decryption time
- Fetching breached password hashes and their decryption frequency with API calls
- Implemented SHA-1 hashing and Crack time estimation algorithms UIverse powered design

Education

- **Birla Institute of Technology, Mesra** | Electronics and Communication Engineering | 2020 – Present | GPA – 8.95
- **Carmel Junior College** | ISC | 2020 | Percentage – 93.50%
- **Carmel Junior College** | ICSE | 2018 | Percentage – 96.00%

Skills

- **Languages and Frameworks -** Java, Python, JavaScript, Express, Next.js, React, Mongoose, jQuery, Bootstrap, EJS
- **Familiar with –** Data Structures and Algorithms, OOPs, DBMS, OS, Node.js, MongoDB, MySQL

Position of Responsibility

- **President** | Dhwani-Music Club, BIT Mesra | May 2023 - Present
- **General Secretary** | Dhwani-Music Club, BIT Mesra | April 2022 – May 2023
- **Design Head** | News and Publication Society, BIT Mesra | May 2022 – June 2023

Projects

- 114th position out of 49,465 participants at Codegoda 2022
- 35th position out of 2,268 participants at Coding Velocity 2022
- 380th position out of 12,789 participants at Code Studio Weekend contest 80
- 88th - GeeksForGeeks Institute rank
- Podium finishes at IIT Bombay Mood Indigo 2022, IIT KGP SpringFest 2021, and IIT BHU Kashiyatra 2023