Atchuta Kumar

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SKILLS

- **Languages**: Python, Java, C, C++, JavaScript
- **Frameworks**: HTML and CSS, ExpressJS, NodeJS, React
- **Tools/Platforms**: MySQL, MongoDB, Machine Learning Libraries
- **Soft Skills**: Problem-Solving, Team Player, Project Management, Attentive-to-detail

PROJECTS

- **Rohit Cares Management System| MERN Stack:** — February 2025 - Present
  - Developed the Rohit Cares Management System using MERN for property rental management
  - Implemented automated invoice generation using Node.js, and MongoDB
  - Integrated Excel-based data uploads for rent and utility management using Multer, xlsx, and MongoDB
  - Designed a secure authentication system with JWT, bcrypt.js, and MongoDB
  - Optimized performance with efficient RESTful APIs and React-based UI with Tailwind CSS

- **Dev-A | Python:** — November 2024 - December 2024
  - Developed and deployed an AI-driven chatbot using Hugging Face API to enhance interactive gaming conversations
  - Trained an AI Model Qwen 2.5 to simulate real-time banter and insights
  - Integrated NLP to make it engage while having interactions.
  - Deployed the chatbot using Flask and React and bot answers in real time to the prompts

- **Sentiment analysis on Twitter data | Python Libraries:** — September 2024 - October 2024
  - Developed a sentiment analysis model for classifying tweets (positive, negative, neutral).
  - Achieved 83% accuracy using NLP techniques, machine learning algorithms, and feature extraction.
  - Utilized Python and the Twitter Sentiment 140 dataset from Kaggle.

CERTIFICATIONS

- Summer Training on Competitive Programming, Hitbullseye — May 2024 - June 2024
- Introduction to MongoDB, MongoDB University — June 2024
- Mastering DSA with C and C++, Udemy — January 2024 - April 2024

ACHIEVEMENTS

- **Organized a Successful Tech Event with College Club TechStack:**
  - Led the planning & execution, raising over 3 lakh rupees from the event

- **One among Dean's top 10 % students at university**:
  - For good academic performance and extra-curricular activities at university.

- **Completed a Comprehensive DSA camp**:
  - Completed an intensive 84-days DSA camp, solving 500+ coding problems.

EXPERIENCES

- **Campus Ambassador, Kinghills Travels:** — June 2024 - December 2024
  - Boosted travel package sign-ups by 20% through targeted promotions.
  - Organized campus events to drive brand awareness.
  - Brought over 1 lakh plus rupees in terms of sales.

- **Mentor in Mentorship 2.0, Lovely Professional University:** — February 2024 - April 2024
  - Created and organized a team to work on projects based on Security using Python
  - Provided counselling and support with mental and technical issues
  - Facilitated activities that increase group cohesion, address concerns, promote open communication

EDUCATION

- **Lovely Professional University** — Punjab, India
  *Bachelor of Technology - Computer Science and Engineering; **CGPA: 8.03*** — *Since August 2022*

- **B.I.E. Andhra Pradesh** — Visakhapatnam
  *Intermediate; **Percentage: 85%*** — *April 2020 - March 2022*

- **De Paul School** — Visakhapatnam
  *Matriculation; **Percentage: 80%*** — *April 2019 - March 2020*