Krishna Kant Verma

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EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
M.Tech. (C.S.E.)	Indian Institute of Technology, Patna (IIT, Patna)	8.4 (Current)	August 2022 - Present
B.Tech. (C.S.E.)	Institute of Engineering and Rural Technology, Prayagraj	8.8	August 2018 - July 2022
Senior Secondary	CBSE Board	88.8%	April 2016 - May 2017
Secondary	CBSE Board	10	April 2014 - June 2015

PROJECTS

- **Graph Neural Network Based techniques for Evolving Knowledge Graph Alignment)**: Developing and implementing cutting-edge Graph Neural Network (GNN) techniques to improve accuracy of Evolving knowledge graph alignment.(Ongoing)
- **CampusVue: The College ERP System**: Simplify college management with our MERN-based ERP system, designed for efficient academic and administrative tasks. (May-23, July-23) Project Live
- **Showcase: My Work and Skills**: Created an impressive online portfolio using Node.js, Express, and React technologies to highlight my skills and project accomplishments; increased visibility and engagement.(April,23) Project Live
- **E-commerce Backend API Development**: Designed and developed a robust backend API system for seamless e-commerce operations.(March, 23) Project
- **NLP Based Projects**: Successfully accomplished Part-of-Speech tagging using Hidden Markov Models (HMM), implemented Named Entity Recognition (NER), and conducted Sentiment Analysis on a dataset.(January, 23 - April, 23) Project
- **Artificial Intelligence Based Projects**: Successfully solved the 8-Puzzle problem using DFS, BFS, A* Algorithm, Hill Climbing Algorithm, and Genetic Algorithm and implemented Naive Bayes Classifier for Spam detection.(September, 22 - November, 22) Project
- **Machine Learning Based Projects**: Successfully implemented K-Means, K-Medoids, and DBSCAN clustering algorithms for data analysis and pattern recognition.(September, 22 - November, 22) Project
- **BlockChain Interoperability Solution**: This project implements an Inter-Blockchain Interoperability Solution using Ignite CLI and Cosmos SDK, enabling seamless communication between two distinct blockchains, fostering decentralized interaction and data exchange.(November, 22) Project Live
- **Algorithms Visualizer Using React and Nodejs)**: Developed and launched a web-based application using React and Node.js to visually demonstrate the functionality of key algorithms and data structures, such as stack, queue, searching, and sorting. (May, 2022) Project Live

SKILLS SUMMARY

- **Languages**: C++, C, Python, JavaScript, SQL, Shell Scripting
- **Frameworks/Libs**: ReactJS,NodeJS, ExpressJS, Numpy, MatplotLib, Pandas
- **Markup/Styles**: HTML5, CSS3, BootStrap, Tailwind-CSS
- **Databases**: MongoDB, MySQLServer
- **Tools**: Git, Postman, Insomania, VSCode
- **Platforms**: Linux, Web, Windows
- **Soft Skills**: Troubleshooting, Teamwork, Adaptability, Time Optimization, Active Listening

CODING PROFILES

- **Codeforces (Max-Rated 1447)**: Profile Link
- **Leetcode(Contest Rating 1850+)**: Profile Link
- **Geeksforgeeks(#1 in Institute)**: Profile Link
- **CodeChef (3*) (Max-Rated 1683)**: Profile Link

ACHIEVEMENTS

- Got 98.5%ile in GATE CS 2022 & 97% in GATE CS 2021
- Achieved Intermediate-level certification in DSA from HackerRank.
- Selected for Hacktoberfest by Digital Ocean Two Times (2020,2021)
- Certification for Google and Meta for Google Kickstart and Meta Hackercup.
- Got Python Specialization from University of Michigan (Through Coursera)
- Got an Appreciation Certificate from MHRD Ministry for Outstanding Performance in High School Examination.

VOLUNTEER EXPERIENCE

- **Head Member - Coding Bits - Student Coding Club IERT** — Prayagraj, India
  Organized online contests for our college coding club — *Jan 2019 - June 2022*

- **Event Organizer on Cyber Security Workshop** — Prayagraj, India
  Coordinated events, carried out workshops on Cyber Security and Hacking attacks in my B.Tech College — *April 2019*