

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**): Currently working on a research project focused on enhancing the accuracy of Evolving knowledge graph alignment using Graph Neural Network (GNN) techniques. Leveraging neural networks to improve alignment of Evolving graph data, optimizing information integration and knowledge discovery. Project in progress since August 2023.
- **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, while also implementing Naive Bayes Classification for Spam and Non-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 a web-based application using React and Node.js to visualize various algorithms and data structures, including stack, queue, searching algorithms, and sorting algorithms. (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, Insomnia, VSCode
- **Platforms**: Linux, Web, Windows
- **Soft Skills**: Troubleshooting, Teamwork, Adaptability, Time Optimization, Active Listening

CODING PROFILES

- **Leetcode(Contest Rating 1800+)**: [Profile Link](#)
- **Geeksforgeeks(#1 in Institute)**: [Profile Link](#)
- **CodeChef (3*) Max-Rated 1683**: [Profile Link](#)
- **Codeforces Max-Rated 1370**: [Profile Link](#)

ACHIEVEMENTS

- Got 98.5%ile in GATE CS 2022 & 97% in GATE CS 2021
- Achieved Intermediate-level certification in Problem Solving 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