

Krishna Kant Verma

M.Tech
Computer Science and Engineering
Indian Institute of Technology, Patna

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EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
M.Tech. (C.S.E.)	Indian Institute of Technology, Patna (IIT, Patna)	8.8 (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 the accuracy of evolving knowledge graph alignment. (Ongoing)
- **CampusVue: The College ERP System:** Simplify college management with a 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, 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](#)
- **Algorithms Visualizer:** Developed 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, JavaScript, Python, TypeScript, SQL, Shell Scripting (Bash)
Backend Technologies	Node.js, Express.js, OAuth, Mongoose, Zod, Postgres, Prisma, Axios, JSON, JWT
Frontend Technologies	HTML5, CSS3, React.js, Next.js, Recoil, Bootstrap, Tailwind CSS, Material-UI
Databases	MongoDB, MySQL, PostgreSQL
Tools	Git, Postman, Insomnia, Docker, VSCode, NPM, Vercel
OS Platforms	Linux, Android, Windows, Mac
Soft Skills	Troubleshooting, Teamwork, Adaptability, Time Optimization, Active Listening

CODING PROFILES

Platform	Contest Rating (Max)	Level	Profile Link
Codeforces	1486	Specialist	Profile Link
Leetcode	1999	Knight	Profile Link
CodeChef	1752	3*	Profile Link
Geeksforgeeks	Practice Score 3300+	#1 in Institute	Profile Link

ACHIEVEMENTS

- Secured 112th rank in Round 1 and 409th rank in Round 2 of TCS Codevita 2024.
- Achieved 98.5th percentile in GATE CS 2022 and 97th percentile in GATE CS 2021 (during the 3rd year of B.Tech).
- Attained an Intermediate-level certification in DSA from HackerRank.
- Selected for Hacktoberfest by Digital Ocean two times (2020 and 2021).
- Received certifications from Google and Meta for Google Kickstart and Meta Hackercup.
- Completed the Python Specialization program from the University of Michigan through Coursera.
- Received an Appreciation letter from the MHRD for Outstanding Performance in High School Examinations.

VOLUNTEER EXPERIANCE

- **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