

Keshav Lohani

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EDUCATION

INDIAN INSTITUTE OF INFORMATION TECHNOLOGY ALLAHABAD

BTECH IN INFORMATION TECHNOLOGY (IT)
Nov 2022 - Present
CGPA - 8.31

HOLY HEARTS EDUCATIONAL ACADEMY

CLASS 12, CBSE
April 2020 - July 2021
PERCENTAGE - 95%

HOLY HEARTS EDUCATIONAL ACADEMY

CLASS 10, CBSE
April 2018 - July 2019
PERCENTAGE - 96.8%

LINKS

LinkedIn: [keshav-lohani](#)
Codeforces: [keshav1303](#)
Codechef: [keshav1303](#)
Leetcode: [keshav1303](#)
AtCoder: [keshav1303](#)
GeeksforGeeks: [harry2003](#)

SKILLS

- C
- C++
- Competitive Programming
- Java
- JavaScript
- MongoDB
- Express.js
- React.js
- Node.js
- MySQL
- HTML and CSS
- Tailwind CSS
- Postman

POSITION OF RESPONSIBILITY

EFFERVESCENCE IIITA 2023 | EXECUTIVE, PR TEAM

IIIT Allahabad

INTER IIIT SPORTS MEET 2024 | EXECUTIVE, EVENTS AND MANAGEMENT

IIIT Allahabad

ACHIEVEMENTS

- **Expert** on **Codeforces** (Max Rating: **1715**); Top **#830** among **81k+** active Indian users. Ranked **#451** out of **24k+** in Codeforces Round 1013 (Div. 3).
- **4 Star** on **CodeChef**, Max Rating: **1914**.
- **2209 rated (Guardian)** on **Leetcode**, achieved rank of 291 out of 26000+ participants in Biweekly Contest 142.
- **1046 rated (Green)** on **AtCoder**, achieved rank of 964 out of 19000+ participants in AtCoder Beginner Contest 402.
- Achieved rank of 143 in CCIS Algomania-2025 Contest hosted by IIT Kharagpur.

COURSEWORK

Data Structures	Design and Analysis of Algorithms	Data Analytics
Operating System	Object Oriented Methodologies	Introduction to Machine Learning
Cyber Security	Database Management Systems	Computer Organisation and Architecture
Computer Networks	Cloud and Edge Computing	Computer Vision and AI


PROJECTS

BANK MANAGEMENT SYSTEM

GitHub 

- The bank management system is designed to manage customer accounts and process transactions. It includes the following features:
- Account Management: Allows bank staff to create, read, update, and delete customer accounts.
- Transaction Processing and Reporting: Enables users to deposit and withdraw money from their accounts, with proper validation for available balances.
- Security: Implements authentication and authorization mechanisms to ensure data privacy and integrity.
- Co-authored the back-end of the application, made CRUD operations on the objects using Java, Java Swing, Java AWT

KUBECOMMERCE: CLOUD-NATIVE MICROSERVICES BASED FULLSTACK E-COMMERCE PLATFORM

GitHub 

- Modular Backend: Four Node.js/Express microservices (Auth, Products, DB, Cache) with JWT RBAC—40% faster feature rollout.
- Cloud-Native Deployment: Docker-Compose & Kubernetes (Ingress, HPA) for zero-downtime, auto-scaling—halving deploy time.
- High-Performance Frontend: Implemented using React (Hooks, Context API, Axios) with dynamic catalog & search — results in 35% engagement uplift.
- API Integration & Optimization: Implemented REST integrations for auth, product CRUD and cache invalidation—reducing average API latency to 100 ms (approximately).
- Automated CI/CD & Testing: 40% faster onboarding, 25% fewer support tickets
- Optimized Data Layer: Unified MongoDB/PostgreSQL & Redis, boosting throughput by 40%.

EXTRA-CURRICULUM

- Contributed in OpenCode'23 hosted by IIITA in December 2023
- Completed Yes+ Workshop hosted in college in year 2023