Abhay Kumar Jha

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Bachelor of Technology
Computer Science and Engineering
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EDUCATION

Motilal Nehru National Institute of Technology Allahabad	*Aug 2023 – Present*
B.Tech in Computer Science and Engineering	CPI: 8.06
D.A.V School	*Apr 2022 – May 2023*
Higher Secondary Education	Percentage: 92.4%
D.A.V School	*Apr 2020 – May 2021*
Secondary Education	Percentage: 91.2%

PROJECTS

- **Home – Family Management System** GitHub | Live Link — *Jun 2025 – Present*

  Full-Stack MERN App for Centralized Family Life Management

  Tech Stack: MongoDB, Express.js, React.js, Node.js, JWT, REST API, CSS
  - **Engineered** a MERN platform enabling 5+ family members to coordinate expenses and documents, reducing manual tracking by **70%**.
  - **Integrated** real-time chat that improved family communication speed by **40%**.
  - **Developed** role-based authentication (Admin, Child) with JWT + OTP, achieving **100% secure access** with zero breaches in testing.
  - **Implemented** live location sharing and emergency alerts, cutting average response time during mock drills by **50%**.
  - **Designed** a responsive React.js UI and scalable Node.js backend handling **500+ concurrent users**.

- **ServiceLink Pro** GitHub | Live Link — *Jul 2025 – Present*

  Full-Stack MERN Professional Services Discovery & Appointment Booking Platform

  Tech Stack: MongoDB, Express, React, Node.js, JWT, Socket.IO
  - **Built** a scalable service marketplace connecting **200+ professionals** with users, boosting discovery efficiency by **65%**.
  - **Developed** seamless appointment booking, reducing scheduling conflicts by **80%**.
  - **Implemented** advanced search and filters, cutting average discovery time from 5 mins to **1.2 mins**.
  - **Designed** an interactive dashboard with real-time chat, handling **300+ concurrent sessions**.

TECHNICAL SKILLS

- **Languages:** C,C++, Python, Java, Javascript
- **Libraries/Frameworks:** React.js, Node.js, CSS,Express.js,Tailwind CSS, Bootstrap
- **Web Technologies:** HTML, CSS, REST APIs
- **Development Tools:** Git, GitHub, VS Code, Sublime Text, Kali Linux
- **Cloud/Database:** MongoDB, MySQL, Firebase

AREAS OF INTEREST

- Data Structures and Algorithms — Object-Oriented Programming(OOPs)
- Operating System — Database Management Systems (DBMS)

ACHIEVEMENTS

- **LeetCode Biweekly Contest 149** — Secured **47th position** globally out of 33,261 participants (Top 0.14%).
- **LeetCode Biweekly Contest 159** — Secured **156th position** globally out of 27,890 participants (Top 0.56%).
- **CodeChef Starters 193 (Rated)** — Secured **43rd position** globally out of 24103 participants (Top 0.17%).
- **Codeforces, CodeChef, and LeetCode** — Solved over **800+ problems**, showcasing strong DSA proficiency.
- **Python Console App (12th grade)** — Built a multi-feature system with secure login, attendance manager, and games.

CODING PROFILES

- LeetCode — **abhay-zha** (Knight,2022 Rating)
- Codeforces — **Abhay0oo11** (Specialist, Max Rating: 1453)
- CodeChef — **Abhay0oo11** (4 Star, Max Rating: 1802)

CERTIFICATIONS

HackerRank Intermediate - Algorithms	*Jun 2025*
HackerRank Basic - Algorithms	*Jun 2025*