Akhilesh Pal

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Education

National Institute of Technology Jamshedpur	Jamshedpur, JH, India
(MCA) Master of Computer Application | CGPA:7.31	2022-2025
Chhatrapati Shahu Ji Maharaj University	Kanpur, UP, India
(BCA) Bachelor of Computer Application | Percentage:70.58	2017-2020
Archana Memorial S.G.M Inter College	Etawah, UP, India
Higher Secondary Certificate (HSC) | Percentage:86	2015-2017
Senior Secondary Certificate (SSC) | Percentage:82	2014-2015

Skills

- **Programming:** C, C++, Java
- **Fontend:** HTML, CSS, Javascript, React.js, Next.js, Redux Toolkit, Tailwind CSS
- **Backend:** Node.js, Express.js, MongoDB, Socket.io, WebRTC
- **Tools :** VS Code, Git/GitHub, Postman
- **Coursework:** DBMS, OOPS, Data Structures and Algorithms, SQL

Projects

Doubt Solving Platform | Next.js, Express.js, Node.js, Tailwind, MongoDB, WebRTC, Socket.io   Feb 2024 - Apr 2024
Link : https://doubt-buster.vercel.app/   **Github :** akhileshpal-575/Doubt-Buster

- The Doubt solver enables, one-to-one doubt resolution for students through expert guidance with expertises in multiple domains.
- Our platform have **100+ live users** interacting with features provided **video calls**, **whiteboard**, **code editor**, **screen sharing** and **messaging**.
- Achieved 50% **faster performance** using **Next.js**, **Node.js**, **Express.js**, **WebRTC**, **Socket.io**, and **MongoDB**, handling up to **100+ sessions.**

Password Generator | React.js, Tailwind   Feb 2024
Link : https://password-generator-eta-tan.vercel.app/   **Github :** Password-Generator

- Developed a password generator web application using React and Tailwind CSS.
- Empowering effortless creation of robust passwords.
- Emphasized focus on security and usability, catering to modern digital security needs.

Compress and Decompress Text File | C++ | File handling   Apr 2023
Github : akhileshpal-575/Compress-Decompress

- Develop a robust text file compression and decompression project using C++.
- Attained a 30% file reduction through efficient coding and optimization.
- Streamline file size while preserving data integrity effectively.

Achievements

- Solved **500+** DSA and CP questions on different coding platforms LeetCode, GeeksForGeeks, CodeForces.
- Participate in **Smart India Hackathon**, ranking among the **top 5** performers out of 30 participant teams in the internal hackathon. (Certificate).
- Achieved **AIR 222** in the **CodeWalkerz** coding contest oraganized by **NIT Jamshedpur,** with the **Coding Ninjas** (Certificate).
- Successfully qualified **Indian Air Force Examination 2019**, including **(Group Discussion and Psychology Test)**.

Leadership / Extracurricular

- Engaged passionately in extracurricular activities like **badminton, football, chess** for interest and healthy life style.
- Member of the **PG Football team** and participated in **Urja Annual Sports Fest NIT Jamshedpur**.
- Led a **Cricket team** in **Genro Annual Sports Fest** during my bachelor's. We were **Two times finalist under my Captaincy.**