

# AMAN KAMAL

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## Education

### Harcourt Butler Technical University

Bachelor of Technology in Computer Science & Engineering (CGPA: 7.40 / 10.00)

Expected May 2025

Kanpur, Uttar Pradesh

### Mantora Public School

Intermediate in Science ( Percentage: 82.2 )

2019 - 2020

Kanpur, Uttar Pradesh

## Experience

### Small Arms Factory | Certificate 📜

June 2024 – July 2024

Technical Intern

Kanpur, Uttar Pradesh (In-Office)

- Assisted in managing the **inventory system**, specifically handling and tracking all CPUs received by the department, with transport details meticulously recorded in the database.
- Installed and configured drivers and plugins in **Maya OS** to support specialized hardware, including enabling HDMI support for external displays and systems.
- Performed database queries in **Informix** to retrieve and manage data for the department's inventory management system And Worked with Maya OS to perform tasks related to defense industry operations, focusing on Security of Departments.

## Projects

### Coursify: Learning Management System 📄 | Github 🌐 | MongoDB, Express.js, React.js, Node.js

- Developed a comprehensive **User Dashboard** where students and teachers can securely sign up, sign in, and log out. (**JWT Authentication and Authorization**)
- Implemented a subscription-based model, allowing users to purchase, manage, and cancel subscriptions to access available courses and lectures. (**Use of Payment Gateway : Razorpay**)
- Integrated account management features, enabling users to change passwords, recover forgotten passwords, and edit their profiles. Use of **Cloudinary** Platform to store user picture's and the data of the courses such as Lectures and it's thumbnails etc.
- Created an intuitive **Admin Dashboard** for managing course content, including the ability to add and delete courses, as well as manage lectures within each course..
- Implemented functionality for admins to monitor key metrics, such as the number of subscribed users, registered users, and total revenue. Provided tools for admins to view detailed user information, enhancing the management and oversight of the platform.

### Pokedex 📄 | Github 🌐 | React.js, Tailwind CSS, PokeAPI, Axios

- Fetches Pokémon data using **Axios** and efficiently managed the data retrieval process with custom React hooks.
- Implemented **Debounce** functionality, delaying network requests by 1 second to reduce API load and improve performance.
- Designed and implemented a user interface that allows users to search and view details of various Pokémon, with seamless data fetching and display.

## Achievements

- Solved 450+ problems on online judges like **GeeksForGeeks** 📄, **Codechef** 📄 and **LeetCode** 📄.
- 2\*(max rating - 1453) at **Codechef** 📄 and rated 5\* rating on **HackerRank** 📄 in C++.
- Achieved a global rank of 518 among 25k+ participants in **Codechef Starter 132 Div 4**.
- Achieved a global rank of 784 among 5k+ participants in **Codechef Starter 135 Div 3**.

## Technical Skills

**Libraries & Frameworks:** React.js, Redux, Node.js, Express.js, Tailwind Css

**Language :** C/C++, HTML/CSS, Javascript, SQL

**Platforms & DB:** Git, GitHub, VS Code, Postman, MongoDB, Mongoose, MySql, Codeblocks

**Computer Fundamentals:** Operating System, OOPs, DBMS, Computer Networking

**Soft Skills:** Collaboration, Enthusiasm, Leadership, Problem Solving, Support