



TANUJ KAMBOJ



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DOB: 11 October, 2002

EDUCATION

Indraprastha Institute of Information Technology,(IIIT) Delhi

CGPA: 7.93*

B.Tech. CS

(Till 6th Semester)

2021 - 2025 (Present)

SSS Higher Secondary School, Miranpur, UP

Percentage: 96.8%

CBSE Standard 12, PCM

2019 - 2020

Mount Litera Zee School, Meerut, UP

Percentage: 94.2%

CBSE Standard 10, PCM

2017 - 2018

SKILLS

Expertise Area	Data Structures and Algorithms, Database Management System, Object Oriented Programming, Operating System
Programming Languages	C++, C, Python,Java , R, HTML, Javascript, Assembly
Tools and Technologies	NodeJS, Express, HTML, CSS, MySQL, LIBGDX(BOX 2D), Figma, VMware, Arch Linux (Unix), TensorFlow, Numpy, Bash
Technical Electives	Information Retrieval, Computer Networks, Human-Computer Interaction, Computer Organization, Algorithms in Bioinformatics, Multivariate Calculus

WORK EXPERIENCE

Adobe Business Cloud Hackathon (Winner) | [Github](#) | [Winner Certificate](#)

12th June 23 - 26th June 23

Supervised By- Adobe

- **Tech Stack:** Adobe PDF Extract API, Ijson, Python, CSV
- Addressed and corrected issues with the uneven JSON formatting generated by the Adobe PDF Extract API.
- Developed a flexible solution for different receipt formats, usable across various companies.
- Achieved an 80% reduction in parsing time per receipt (from 5 seconds to 1 second) by using ijson.
- Achieved a 98% reduction in memory usage per receipt (from 50 KB to 1 KB) by using ijson

Adobe Business Cloud Hackathon (Winner) | [Github](#) | [Winner Certificate](#)

6 July 23 - 26 July 23

Supervised By- Adobe

- **Tech Stack:** Adobe Document Merger API ,NodeJS, Express, HTML, CSS, JavaScript, Mutex Locks
- Developed a responsive website with HTML5, CSS3, and JavaScript for an interactive user experience.
- Reduced memory usage by efficiently modifying JSON data structure using the modifier function, achieving a 90% reduction in memory usage during JSON processing.
- Minimized server processing time by directly generating and sending PDF files to users, avoiding unnecessary data storage, resulting in a 70% reduction in processing time per request.

PROJECTS

TaxiWala (Cab Booking System) | [GitHub](#)

Feb '23 - May '23

Supervisor - Dr. Vikram Goyal

Team Size: 2

- **Tech Stack:** Mapbox GL, Node.js, React.js, Javascript, HTML, CSS, Express, MySQL
- Crafted a cab booking web application featuring real-time updates, fare calculations, and dynamic ride acceptance/decline, ensuring a maximum wait time of 5 minutes for users. Incorporated real-time radius updating for nearby driver searches within a 5 km radius.

Tank Stars(Java Game OOPs) | [GitHub](#)

August '22 - December '22

Supervisor - Dr. Raghava Muthuraju

Team Size: 2

- **Tech Stack:** LibGDX, Box2D, Java, Gradle, FXML
- Developed a game application using LibGDX, Java, and Box2D, managing the project with Gradle.
- Created UML and Use-Case diagrams to plan game structure and user interactions.
- Designed and implemented both static and dynamic GUI, ensuring it was user-friendly and handled inputs smoothly.

POSITIONS OF RESPONSIBILITY

- Organising Team Member of Sports Fest. Dec '22 - April '23
- Organising Team Member of E-Summit. Jan '23 - April '23

AWARDS AND ACHIEVEMENTS

- **All India Winner** of Abode Business Cloud Hackathon.
- **Specialist Level** at Codeforces.(Rating 1403)
- **Knight** at Leetcode.(Rating 1863)
- **3 Star** at Codechef.(Rating 1702)
- **Top 0.1%** of students in India in Mathematics.
- **96.8%** in 12th Standard.

INTERESTS AND HOBBIES

- Martial Arts - Regular student of Taekwondo in IIIT Delhi.
- Cyber Security - Studying about Network Securities and Ethical Hacking.

Declaration: The above information is correct to the best of my knowledge.

Tanuj Kamboj

Date: 12 July, 2024