

Ashish Verma

Bachelor of Technology

Computer Science

Pranveer Singh Institute of Technology, Kanpur

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EDUCATION

- Bachelor of Technology - Computer Science and Engineering** 2022-26
Dr. A.P.J. Abdul Kalam Technical University, Uttar Pradesh CGPA: 9.2
- Intermediate (Class 12) - PCM** 2020
CISCE, Methodist High School, Kanpur Percentage: 91%
- High School (Class 10)** 2018
CISCE, Bobson Public School, Kanpur Percentage: 90%

PROJECTS

- PhotoInsight**
An application-based face recognition system that identifies students and presents their complete data.
 - Developed an app that identifies students from photos and displays their personal details.
 - Retrieves results from university website, presents them, and includes a mechanism for forwarding reCAPTCHA challenges to users for solving.
 - Technology Used: Python, RestAPI, Bootstrap
- Attendance Rectification Portal**
A web based application for students to request and teachers to process attendance corrections.
 - Created web app using Node.js and MongoDB to eliminate manual processing.
 - Implemented intuitive UI design for students and administrators, for efficient submission and resolution of requests.
 - Technology Used: Nodejs, Expressjs, MongoDB, HTML, CSS, Javascript
- BreakOut**
Online block-breaker game with various modes and score leaderboard
 - Integrated Firebase for anonymous authentication and real-time database for managing profiles and scores
 - Utilized Object-Oriented Programming (OOP) to create a streamlined and maintainable code structure
 - Technology Used : HTML(Canvas), CSS, JavaScript , Firebase

EXPERIENCE

- Strinity Automation** Jan - July 2024
Backend Developer Intern
 - Led the development of the startup's backend infrastructure using MongoDB, Express, and Node.js (MEN stack).
 - Designed and implemented a robust, scalable backend system, incorporating JWT for secure authentication

TECHNICAL SKILLS AND INTERESTS

Languages: Java, Javascript, Python, C, HTML+CSS

Libraries & Frameworks: ReactJS, ReactNative, Springboot, Node.js, Express, Flask

Operating Systems & Tools: Linux (Bash Command Line), Git, GitHub

Cloud/Databases: DBMS, MongoDB, Oracle Db(SQL), Firebase

Relevant Coursework: Data Structures & Algorithms, Operating Systems, Object Oriented Programming

Soft Skills: Problem Solving, Self-learning, Adaptability

POSITIONS OF RESPONSIBILITY

- Srajan Club Technical Head** PSIT, Kanpur
 - Developed an app for easy registration, and handling of audience during the events
 - Automated creation and distribution of certificates to attendees

ACHIEVEMENTS

- 2nd Runner up in TON Ideathon competition November 2024
- Secured 2nd place in the 1st-year institute-level Hackathon. July 2023
- Attained 3rd place in the institutes Algo Club Hackathon 2.0. June 2023

CERTIFICATIONS

- NPTEL Certification: Google Cloud Computing Foundations - Top 1%
- NPTEL Certification: Introduction to Programming in C - Top 1%
- NPTEL Certification: Enhancing Soft Skills and Personality - Top 2%
- Algorithmic Toolbox, University of California, San Diego
- Data Structures, University of California, San Diego