

# Mann Bajpai

## Computer Science Engineering Undergrad

Driven by an insatiable curiosity, I thrive on the frontiers of technology, from web development to machine learning, and blockchain to Web3. I am seeking an internship where I can channel my passion for innovation into practical solutions and continue my journey of lifelong learning in the tech world.



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## EDUCATION

### Integrated Dual Degree (B.Tech in CSE + M.Tech in AI)

Rajiv Gandhi Institute of Petroleum Technology, Jais

11/2021 - Present

8.54\* till 5th Semester

#### Courses

- Data Structures and Algorithms
- Database Management System
- Computer Networks
- Compiler Design
- Operation Research
- Artificial Intelligence

### XII (ISC Board)

St. Fidelis College, Lucknow

04/2019 - 03/2020

91%

#### Activities & PORs

- College Captain(19-20)** heading a cabinet of 30 students to carry out various events and activities in the school.
- Cultural Secretary(18-19)** actively participating and managing in cultural events like dance, dramatics and debates.

### X (ICSE Board)

St. Fidelis College, Lucknow

04/2017 - 03/2018

94.8%

## WORK EXPERIENCE

### Cloud Operations Intern

Thales Group

07/2024 - Present

Noida, UP

A French multinational company that designs and develops equipment for the aerospace, defence, transportation and security sectors.

#### Achievements/Tasks

- AWS Cloud Infrastructure and Architecture
- Development and Deployment of a Full Stack Project from dev to production on Cloud completely

### Software Development Intern

MyOoumph Networks Pvt Ltd

05/2024 - 07/2024

Lucknow

New Age Social Media Startup

#### Achievements/Tasks

- Worked on Data Analytics Integration to flutter application using Amplitude
- Worked on open-source LLMs and Google Cloud

## SKILLS

Javascript

Python

Java

Typescript

Frontend Dev

Backend Dev

Machine Learning

Deep Learning

Generative AI and LLMs

React.js

Node.js

Mongodb

PostgreSQL

AWS Cloud

TailwindCSS

Pytorch

REST APIs

Git

## PERSONAL PROJECTS

### KhaataFlow

- Full Stack Expense Manager with personal and group management
- Features like User Auth with JWT, user profile, manage expense and income, group expense splits and management
- Deployment on Cloud with EC2, RDS, Amplify and other services
- Tech Stack: **Node.js, PostgreSQL, React.js, AWS Cloud**

### Retrieval Augmented Generation App for Llama2 (05/2024)

- RAG App designed on Meta's Llama2 to answer queries about data from PDFs
- Tech Stack: **LlamaIndex Framework, Hugging Face & Langchain**

## VOLUNTEER ORGANIZATIONS

### National Cadet Corps (2014 - 2020)

"BEE" Certificate NCC Cadet

### GyanArpan Project Amethi (2022 - 2023)

Mathematics Teacher for more than 100 underprivileged students across the Amethi District in UP.

### Hacktoberfest 2023 (10/2023)

Open-Source Contributor to various projects

## CERTIFICATES

### Machine Learning & Data Science Bootcamp - Udemy (08/2023 - 02/2024)

<https://www.udemy.com/certificate/UC-e83102bb-7940-4967-9e7d-7d5457075a86/>

### Build Basic Generative Adversarial Networks (GANs) - DeepLearning.AI (12/2023)

<https://coursera.org/share/cf4c6c4fbbe69b5b3a3843cb7e6cb194>

## LANGUAGES

English

Full Professional Proficiency

Hindi

Full Professional Proficiency