

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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LUCKNOW

mannbajpai.github.com

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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

XII (ISC Board)

St. Fidelis College, Lucknow

2019 - 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

2017 - 2018

94.8%

WORK EXPERIENCE

Software Development Intern

MyOoumph Networks Pvt Ltd

05/2023 - 07/2023

Lucknow

New Age Social Media Startup

Achievements/Tasks

- Django app Backend development using python
- Learned working with GraphQL API architecture
- Understanding microservice architecture
- Worked on open-source LLMs and Google Cloud

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

SKILLS

Javascript

Python

Java

Typescript

Frontend Dev

Machine Learning

Deep Learning

Generative AI and LLMs

React.js

Node.js

Mongodb

MySQL

GoogleCloud

Django

GraphQL API

REST APIs

Git

PERSONAL PROJECTS

Spotify Clone App

- Full Stack Spotify Clone Web App made using Next.js and Supabase
- Features like User Auth, Payment using Stripe, Upload to storage bucket, media playback, filter search, server-side rendering
- Tech Stack: **Typescript, React.js, PostgreSQL, TailwindCSS, Zustand**

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**

Fake News Generation using Generative Adversarial Networks

- Guide: **Dr. Pallabi Saikia**
- Development of **GAN models** using the modern developments in the field of generative image AI for modelling fake news to make better Detection Model

Task-Manager Backend API

- A simple CRUD REST API for managing tasks for users
- Features: specific endpoints user login/signup, tasks CRUD operations
- Tech Stack: **Node.js, MySQL, Jest, Express.js, JWT**

ACHIEVEMENTS

IIT-JEE ADVANCED(2021)

Qualified IIT-JEE Advanced and secured an All-India Rank of 21,xxx amongst 13,00,000 students

Merit Scholarship (RGIPT, Jais)

Received merit scholarship for Excellent Academic Performance

RACCAM 1.0 Finalist

National Level Hackathon organized by Rajasthan Police to solve problems related to cybercrime and cyber-security

Founder and Vice President Cisco thingQbator RGIPT Student Body

Conducted various events/ talks and successfully participated in Cohort 6.0