SRIJAN JAIN

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Education

Indian Institute of Information Technology, Allahabad	**Nov. 2022 – Present**
B.Tech. in Information Technology; CGPA: 8.06	*Prayagraj, Uttar Pradesh*

Experience

Scaler (InterviewBit)   **Mar. 2024 – Present**
PS + TCR Intern (Remote)

- Designed and implemented 15+ structured assessments covering Data Structures & Algorithms(DSA), SQL, and Computer Science fundamentals, enabling students to simulate real placement tests reducing preparation time by 20%.
- Authored original problem sets and established a review workflow ensuring difficulty calibration and quality feedback, decreasing support inquiries by 30% and increasing test completion rates by 25%.

CodeChef   **Jan. 2024 – Mar. 2024**
Problem Setter Intern (Remote)

- Authored competitive programming problems for **CodeChef Starter 122**, including **MATMOD**, **TRANCST**, and **ARYAGRID**. Focused on precise problem statements, algorithmic efficiency, and full test coverage.
- Engineered robust test data and validation scripts to support large input sizes and ensure system performance, enabling a smooth experience for over **40,000** global participants.

Achievements

- **Candidate Master** on Codeforces (1941), top 200 of 160k in India; global ranks of 90 and 338 out of 33k+.
- **5 Stars** on CodeChef (2250), top 300 of 180k Indian programmers; best Div-1 global ranks of 24 and 30.
- **Guardian** on LeetCode (2250), global ranks of 116 and 142 out of 20k+ participants; top 0.83% sitewide.
- Ranked 9th in **ICPC 2024–25** All India prelims; placed 36th at Kanpur and 64th at Amritapuri regional contests.
- Ranked 101st in **ICPC 2023–24** All India prelims; placed 35th at the Chennai regional contest.
- Qualified **JEE Advanced**—All India Rank 8559; **JEE Main**—All India Rank 4769.
- Achieved Rank of **364th** out of 8,000+ participants in Google Kickstart Farewell Round A, 2023.
- Secured All India Rank of **15** in the **Amazon ML Challenge**

Projects

NeuroHub | *Next.js, tRPC, Prisma, PostgreSQL, Tailwind CSS, Gemini* | ⭘ | 🌐

- **Automated Code & Meeting Intelligence**: Developed NeuroHub, a full-stack platform using Next.js, tRPC, and Gemini AI to automatically generate concise summaries for 100% of code commits and meeting transcripts, streamlining developer onboarding and reducing manual documentation by over 60%.
- **Semantic Search & RAG-Based Retrieval** : Implemented Retrieval-Augmented Generation (RAG) workflows by embedding project files and questions (Gemini 004) and performing similarity search via PostgreSQL, enabling contextual Q&A and relevant code retrieval from 10,000+ records with up to 70% faster response times.

Automated Research Paper Categorization | *scikit-learn, PyTorch, NumPy, pandas* | ⭘

- **NLP Techniques & Model Implementation**: Automated classification of research papers using SciBERT augmented with BiLSTM layers and custom data preprocessing to enhance model performance.
- **Academic Application & Personalization**: Improved academic database management and enabled personalized recommendations for researchers by analyzing reading patterns and summarizing categorized texts.

Technical Skills

Languages/Tools: C, C++, Python, JavaScript, Git, Unix
Frameworks & Libraries: Next.js, React.js, Node.js (Express.js), tRPC, Prisma, NumPy, pandas, scikit-learn, PyTorch
Databases: MySQL , PostgreSQL, MongoDB
Relevant Coursework: Data Structures & Algorithms, Machine Learning, Deep Learning, Object Oriented Programming, Operating Systems, Computer Networks, Design and Analysis of Algorithms, Database Management System

Positions of Responsibility

GeekHaven   **Aug. 2023 – Present**
Coordinator, Competitive Coding Wing

- Led Data Structures & Algorithms workshops for 200+ first- and second-year students, designing 8 original problem sets and organizing 3 coding hackathons per semester.
- Mentored 100+ open-source contributors during OpenCode 2023 (**Code-Digger** repository), reviewing 400+ code submissions, resolving real-time issues, and guiding the merge of 250+ high-quality pull requests.