



AKASH JAIN

Developer | Clean Code & Math-Driven Mindset

Aspiring full-stack developer seeking internship opportunities in **React-based web development**. Skilled in building dynamic applications using React, **Node.js**, and **modern JavaScript** frameworks. Proficient in **Python**, **C++**, and **GitHub version control**. Comfortable with **Linux environments**, using it regularly for software development. Passionate about intuitive UI design and scalable backend systems.

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💻 a-shell.vercel.app/

🐙 github.com/int-arsh

EDUCATION

Bachelors in Technology UIT RGPV University

08/2022 - Present

Bhopal, India

Courses

- Computer Science and Engineering

High School Gyanodaya SMVM Khurai

04/2018 - 05/2021

GPA 9.3

Courses

- Mathematics and CS

PERSONAL PROJECTS

The Nihilist's Kernel

- A dialogue engine that explores the intersection of computer science and philosophy.
- Built with React.js, Flask, SQLite, Git.

BookShelf

- A fullstack application for book readers.
- Built with React.js, Node.js, MongoDB.

gmnx

- A zsh command-line tool using the Gemini API for assistance.
- Built with python, zsh.

Palletron

- a smart color palette generator built with React, Tailwind CSS.

Chess-Engine

- A Python-based chess engine implementing chess rules, move generation, and AI algorithms for playing chess.

WORK EXPERIENCE

Frontend Developer Intern NextGen Web Solutions, Remote

01/2024 - 04/2024

Achievements/Tasks

- Collaborated with a team of 4 developers to build responsive React-based UI components.
- Implemented reusable components using React Hooks and managed global state using Context API.
- Integrated REST APIs with frontend views using Axios and handled error states and loading indicators gracefully.

SKILLS

Programming Languages: Python, C++, JavaScript.

Frameworks & Databases: React (Strong proficiency), Node.js, MongoDB, Flask, SQLite, Tailwindcss.

Tools & Version Control: Git (Proficient in version control and collaboration using Git & GitHub), Linux (Used regularly for software development and system navigation)

Software Development Skills: Debugging and troubleshooting complex issues Writing and maintaining technical documentation Estimating development time and managing priorities UI development and responsive front-end design.

Data Structures & Algorithms: LeetCode practice and understanding of core DSA principles

Integrated AI/ML APIs (e.g., OpenAI, Gemini) into web applications for real-time inference and intelligent features

ACHIEVEMENTS

Data Structures & Algorithms

Solved 150+ Data Structures & Algorithms problems on LeetCode

Version Control

Version-controlled all major projects using Git and GitHub

LANGUAGES

English

Full Professional Proficiency

Hindi

Native or Bilingual Proficiency

INTERESTS

Logic-driven software development

Foundations of computing: Turing Machines, Boole, Gödel

Philosophy of AI and intelligence

Mathematical thinking in code