Ankit Kumar Jha

Knight Leetcode | Python and JavaScript Developer

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Summary

Proficient in Python with a strong foundation in software development, I learn and adapt quickly. Secured AIR 416 in GATE CSE with three months of focused preparation, reflecting a combination of planning, discipline, and consistent effort. Experienced in full-stack development and competitive programming.

Technical skill

Skills	Software development, Problem solving, Web development, chrome extension development, npm Package Development.
language	Python, Javascript, SQL, HTML, CSS, Php
Frameworks	FastAPI, Flast, Django, Laravel, React.js
Libraries	Tkinter, Beautiful Soup, Scikit-Learn, Three.js, Selenium
Tools	swagger Doc, Git, Docker, GitHub, Firebase, Bootstrap, PhpMyAdmin, Adobe XD, Google Analytics

Experience

Full Stack Web Developer | OAKNST   *Apr 2022 - Oct 2022*

- Developed ERP system using Laravel, enhancing website SEO.
- Used HTML, CSS, JavaScript for front-end, Laravel for back-end, SQL for DB.
- Optimized website for search engines, leading to **40% organic traffic increase.**
- Conducted research with Google Analytics, SEMrush, Ahrefs.
- Gained skills in full-stack web dev, SEO.

Projects

Costly item | | [Github Code](#)   *27 Apr 2019*

Python, Web Scraping, Tkinter, Webbrowser, BeautifulSoup

- Searching for the same product across multiple websites to compare prices can be a tedious task. This application makes it easier by scraping product details and prices from different websites and presenting them together.

Advance web scraper amazon | [Github Code](#)   *01 Nov 2022*

Python, selenium, pandas, webdriver-manager

- Engineered a Python-based tool using Selenium to streamline the extraction of critical data from Amazon product pages.
- Streamlined the process to collect crucial product details such as name, cost, global ratings, and individual ratings. Additionally, integrated a screenshot capture feature for a more visual representation of the products.
- Designed for user convenience, the tool allows customizable extraction of customer reviews, optimizing time efficiency.

* created using HTML, CSS and JS

Single tab lock | <u>View NPM Package</u> | <u>Github Code</u>   *27 Feb 2024*

NPM, npm-package, javascript

- An npm package to restrict users from opening multiple tabs of a single website.

Readsculpt | <u>Use project</u> | <u>Github Code</u>   *18 Nov 2023*

Javascript, Firebase, HTML, CSS, JSON, Bootstrap, Git

- Optimized book discovery interface with essential details, ratings, and an interactive double-click feature for in-depth exploration.
- Established the Book Suggestion Corner, cultivating a lively community with weekly spotlighted suggestions.
- Streamlined Google authentication to enhance user engagement through likes and comments.
- Ongoing development of personalized user profiles and upcoming integration for a dynamic reader-writer community.

Education

Indian Institute of Technology Guwahati   *July 2025 - July 2027*

- M.Tech in Computer Science and Engineering

IES College of Technology Bhopal   *July 2020 - July 2024*

- Bachelor of Technology in Computer Science and Engineering
- Achievement: First place in the 'Code Debugging' competition at Inforia twice.

Achievements

- Attained **Knight** rank on LeetCode
- Achieved an **AIR 30** and global rank 255 in Biweekly Contest 127
- Achieved an **AIR 98** and global rank 495 in Weekly Contest 405
- Achieved a Top 50 Global Rank on GeeksforGeeks
- Achieved a 1314th Global Rank in TCS Codevita
- Achieved a 1416th global rank in Google Code

Publications

Challenging Infinity | <u>Read it</u>   *21 May 2024*

This article is about my issues with the concept of infinity. I have demonstrated these issues using some real-life examples.

Optimized version of the Sieve of Eratosthenes | <u>Read it</u>   *21 Mar 2024*

I have created an algorithm to generate prime numbers, an optimized version of the Sieve of Eratosthenes.

AWARDS AND CERTIfiCATIONS

- AWS Academy Graduate - AWS Academy Machine Learning Foundations
- Foundations of Project Management by | Google
- Digitalunlocked | Google
- Software EngineerIntern | hackerrank
- Problem Solving (Basic) | hackerrank
- SQL (Basic, Intermediate and Advanced) | hackerrank
- Javascript (Basic and Intermediate) | hackerrank
- Rest API (Intermediate) Certificate | hackerrank