KUSHAGRA AGRAWAL

+91-8529708049 ◇ Gurugram, India

OBJECTIVE
E-mail ◇ LinkedIn ◇ Github

Software Engineer skilled in Full-Stack development, problem-solving, and using productivity tools like Google Workspace. Strong communicator, organized, and adaptable. Passionate about learning new technologies and building scalable solutions.

EDUCATION

Netaji Subhas University of Technology   2020 – May 2024
Bachelor of Technology(CSE), New Delhi   **CGPA**: **7.59**

SKILLS

Technical Skills	Javascirpt, Java, React, NextJS, Django, Python, SQL, ORM, HTML, CSS, Tailwind, C++
Developer Tools	Pycharm, VS code, AWS, Github, workbench, phpMyAdmin
Core Subjects	Operating System, DataBase Management System, OOPS

EXPERIENCE

SDE at Creditas Solution *(Gurugram)*   Jan 2024 - Present

- **Full Stack Engineer**: Currently serving as a Full Stack Engineer, specializing in technologies like **React, Redux, Next.js, Django, SQL**, **Git, and GitHub**. My role involves both front-end and back-end development, focusing on building scalable, efficient, and user-friendly web applications across various platforms.

- Spelling and Grammar Correction Project: Built a full-stack application using Python library and an **LLM Lambda** model for backend spelling and grammar correction. Designed a clean, responsive frontend with HTML, CSS, and JavaScript for a smooth user experience.

- Performance Optimization: Improved web application performance by implementing modern techniques such as **WebP images, WOFF2 fonts**, and **dynamic imports**, resulting in enhanced load times across all project pages. Optimizations increased the login page performance score from approximately **76% to 94%** on Windows and from **66% to 84%** on mobile view. Additionally, minimized cumulative layout shift (CLS) to improve stability ensuring an efficient and reliable user experience across devices.

SDE Intern at Samsung *(Bangalore)*   May 2023 - July 2023

- Photo and Video Aesthetics Enhancement: Collaborated on enhancing photo and video aesthetics using **Machine Learning, Computer Vision, and Python**. Implemented features to rank and improve visual quality, resulting in a more user-friendly experience and refined media content.

PROJECTS

Digital-Marketplace | Github   Feb 2024

- Utilizes Django ORM for user registration, login, and authentication. Allows sellers to upload and manage digital products while enabling buyers to browse, purchase (with Stripe integration), and download products seamlessly. Ensures digital product delivery upon successful payment, provides transparent transaction tracking for both buyers and sellers, and offers detailed reports and analytics for better decision-making and management.

Expense Tracker App | Github   Jan 2024

- Developed a Python-based expense tracker with features to add, remove, and edit expenses, allowing users to monitor their finances on daily, monthly, and yearly timelines. Integrated insightful analytics to help users understand spending habits and optimize their budget.

ACHIEVEMENTS

- Successfully completed over **1500 (DSA)** questions on platforms like LeetCode(**Knight Batch**), GeeksforGeeks, and Codeforces with **LeetCode rating of 1870** and placing in the **top 4.88%** of all LeetCode users globally. Secured a **rank of 474** out of over **30k participants** in **LeetCode Biweekly Contest 102**.

- Academic achievements include attaining an All India Rank **(AIR) of 2310** in JEE Mains and **5351** in JEE Advanced, highlighting my strong academic capabilities.