Akshay Pratap Singh

📞 +91 9045304479 ✉ worklikeakshay@gmail.com in LinkedIn ⌂ Github 👤 Portfolio </> Leetcode

Experience

Project Engineer Trainee	Dec 2025 – Present
Wipro	*Ongoing*

Education

Noida Institute of Engineering and Technology, Greater Noida	2021 – 2025
B.Tech in Computer Science & Engineering (AIML)	*6.9 CGPA*

Achievements

- Solved **700+ Data Structures and Algorithmic** problems on coding platform such as **LeetCode** and GFG.
- Secured AIR **23** @TCS Codevita 12 and Achieved **AIR 193** out of 1347 in TCS CodeVita Round 2
- Secured World Rank **754** among 27K+ participants in Leetcode Biweekly Contest 423, top **9%** of Leetcoders.

Projects

CLUSTER : FILE SHARING APP | *Django, BootStrap, Sqlite, Python, HTML/CSS* Github

- Designed and developed a secure file-sharing application using Django, enabling reliable user authentication and access control for privacy-focused data handling.
- Improved backend performance and scalability to support multiple file types with dynamic preview and secure download capabilities.
- Incorporated validation checks and secure workflows to streamline user operations and safeguard comprehensive file management.

FLIPBOARD : COLLABORATIVE CANVA | *Next.js, ReactJs, TypeScript, Tailwind* Github

- Built a real-time collaborative whiteboard with server-side rendering (SSR) to enhance responsiveness and multi-user synchronization.
- Integrated LiveBlocks API and FabricJS to deliver dynamic canvas-based collaboration while maintaining efficient real-time updates.
- Implemented strong type safety using TypeScript, reducing bugs and enhancing code maintainability and runtime reliability.

Technical Skills

Programming Languages: JavaScript, Java, C, Python, TypeScript
Back-end Tech: Node.js, Express.js, FastApi, Django, Selenium, PyTorch, Tensorflow
Databases: Postgres , SQL, MongoDB, Redis, GraphQL, ElasticSearch distributed storage
Cloud DevOps: Amazon Web Services (AWS), Docker, Kubernetes, Netlify , Vercel , Cloudflare , CI/CD Integration
Core Subjects: Data Structure and Algorithm, Operating System, Networking, Database
Tools/Platforms: Postman, VS Code, GitHub , Figma , MS-Excel , Selenium , Puppeteer , Vite , Webpack ,github

Coursework

- Cloud Computing & AWS
- Agile/ Scrum Development

Participation and Position of Responsibility

HACKOG Cognitive Hackathon	Participant
Aug 2023	

- Developed real-time sentiment analysis system using Selenium

Emergex Coding Club	Core Team Member
2022-2023	

- Mentored 300+ students in coding competitions