Akash Kinkar Pandey

Email: akashkinkarpandey@gmail.com

LinkedIn: https://www.linkedin.com/in/akashkinkarpandey

Mobile: +91 8910758779

Github: https://github.com/akashkinkarpandey

PROFESSIONAL SUMMARY

Results-driven Software Engineer with expertise in React, Next.js, and full-stack web development. Experienced in Agile teams and open-source contributions, with a proven record of improving performance, code quality, and delivering user-focused applications.

EDUCATION

St. Thomas' College of Engineering & Technology   Kolkata, India

B.Tech in Computer Science and Engineering GPA: **9.33**   **2020 - 2024**

SKILLS

Languages: Javascript, Typescript

Frontend: React.js, Next.js, Tailwind CSS, Redux, Jest

Backend: Node.js, Express.js, Convex, Clerk

Database/ORM: PostgreSQL, SQLite, Prisma, Drizzle

Tools: Git, JIRA**,** SonarQube

WORK EXPERIENCE

ASSOCIATE SOFTWARE ENGINEER, NRI FT India   **August 2024 - Present**

- Integrated REST APIs and implemented state management with React Hooks and Context API, improving feature delivery speed by 20%.
- Resolved 95% of SonarQube-reported issues, raising overall code quality.
- Supported QA/testing, achieving 98% stable release rate across sprint cycles.
- Collaborated in an Agile team using JIRA for sprint planning, issue tracking, and task management.

INTERNSHIP, NRI FT India   **January 2024 - July 2024**

- Developed reusable React components and hooks for a team dashboard application, reducing code duplication by 30% and improving maintainability across 4+ modules.
- Implemented performance optimizations using lazy loading and memoization techniques, decreasing page load times by 40%

PROJECTS

Nexion Notes App - https://nexion.pandeyji.site/ - github/Nexion-Notes-App

- Built a full-stack Notion-style notes app with Next.js, Convex, Clerk.
- Features include infinite nested documents, authentication, file uploads, dark/light mode, and publishing notes to the web.
- Designed responsive UI with real-time collaboration support, improving productivity and user experience.

Snap Call Video Calling App - https://snap-vc.pandeyji.site/ - github/Snap-Call-Video-Calling-App

- Developed a real-time video calling platform using WebRTC, Next.js, TypeScript, Node.js, Socket.IO.
- Enabled one-click video chat, screen sharing, and stable peer connections.

Funtube Video Streaming App - https://funtube.pandeyji.site - github/funtube-ReactJS

- Built a YouTube-like video streaming app with React, Redux Toolkit, Express, Node.js, Tailwind CSS.
- Integrated YouTube API for video data and search (with debouncing), added lazy loading, shimmer effects, and dynamic routing.
- Secured backend with Helmet, HPP, rate limiting, sanitizer, and optimized API calls for reliability.

Cutify Code Snippets - https://cutify-code-snippets.pandeyji.site - github.com/Cutify-Code-Snippets

- Created a code-to-image generator using Next.js, TypeScript
- Allows developers to generate and customize visually appealing, shareable code snippets.

OPEN SOURCE CONTRIBUTIONS

Cal.com

- Enhanced the internationalization framework of Cal.com, an open-source scheduling infrastructure, by integrating Bengali ("bn") as a supported locale across API validations, enums, Swagger documentation, and OpenAPI specs.
- Improved code efficiency in Cal.com's English locale by identifying and removing redundant translation keys reducing the bundle size.

ACADEMIC ACHIEVEMENTS

- Solved 500+ problems on LeetCode achieving top 5k average contest rank across 50+ contests.
- Founded a C++ educational YouTube channel with 11k+ views helping students strengthen programming skills.