

ADIL KHAN

Full-Stack Developer

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LeetCode | LinkedIn | GitHub | HackerRank

EDUCATION

Darbhanga College of Engineering

Degree in B.tech (computer Science)

CGPA: 8.01

Darbhanga

July 2018 - Sep 2022

Marwari College

Degree in Intermediate

Bhagalpur, Bihar

sep 2015

EXPERIENCE

Engro Technologies

Hyderabad , India | March 2023 - Present

- Developed and maintained multiple high-performance web applications.
- Implemented RESTful APIs and integrated third-party services to enhance application functionality.
- Assisted in building scalable web applications using React.js and Node.js.
- Worked on integrating MongoDB with Express.js to create efficient data models and APIs.
- Contributed to the development of reusable UI components and application features.
- Implemented user authentication and authorization with JWT.

Polytropic | Web Developer Intern

Patna , India | sep 2021 - Nov 2022

Basic Amazon Clone

- Developed a basic clone of Amazons e-commerce platform.
- Integrated search functionality allowing users to find products by name or category.
- Enabled users to add products to their cart, view cart contents, and modify quantities.

SKILLS

Programming Languages: python, java Script
Libraries/Frameworks: React.js, Next.js, Express.js, Node.js
Tools / Platforms: Git, VS code
Databases: SQL Server, MongoDB

PROJECTS / OPEN-SOURCE

- Zee News , DNA , Wion

JavaScript , Next.js

Revamped Sites with Next.js

Led the initiative to modernize and enhance existing websites using Next.js, focusing on optimizing performance and user experience. Implemented server-side rendering (SSR) and static site generation (SSG) to improve page load times and SEO. Conducted user testing and incorporated feedback to ensure a smooth and intuitive interface

Crafted Microsites for Major Events

Designed and developed high-impact microsites for prominent events including the IPL, World Cup, and Asia Cup. Each microsite featured tailored content and interactive elements to engage users and provide real-time updates. Utilized Next.js to create responsive, fast-loading pages with dynamic content integration.

Optimized for Scalability and Performance

Employed performance optimization techniques including code splitting, image optimization, and caching strategies to handle high traffic volumes during peak event times. Monitored and analyzed site performance using tools like Google Analytics and Lighthouse to ensure optimal user experience

Maintained and Updated Microsites

Provided ongoing maintenance and updates for the event microsites post-launch, including bug fixes, feature enhancements, and content updates. Ensured continuous support to address any issues and implement improvements based on user feedback.

- Rural Community Finance

Next.js, Node.js, Express.js, MongoDB, JWT, 2FA

- "Rural Community" project is a web-based application designed to foster financial collaboration within small groups by enabling users to create or join investment communities. The platform is built using Next.js, Node.js, Express.js, MongoDB, and JWT for secure authentication.

User Authentication and Registration:

- New users can sign up by providing personal details, including a mobile phone number, government-issued documents, and bank account information. This data ensures the credibility and accountability of community members.
- Upon successful registration, users can log in, with sessions managed securely using JWT tokens.

Community Creation and Management

- Once logged in, users have the option to create a new community or join an existing one. The user who creates a community automatically becomes its admin.
- The admin sets a fixed monthly contribution amount that all members must pay.

Monthly Contribution and Lottery System:

- Every month, each member of a community contributes the predetermined amount. The total collected funds are then awarded to one randomly selected member. This lottery system continues monthly for a full year.
- A key feature is that members who have already won the lottery are excluded from subsequent draws but must continue making their monthly contributions until the community's one-year term concludes.

Community Closure:

- After 12 months, the community automatically closes, having distributed the pooled funds to all members once.

User Commitment and Trust:

- The platform emphasizes commitment, as members are required to keep paying their monthly dues even after they have received their payout. This system builds trust among members and ensures a reliable financial cycle.
- Overall, "Rural Community" serves as a digital platform to facilitate collective savings and financial support within small

CERTIFICATIONS

- Data Structure and algorithm in Python - NPTEL.
- Java Script - Hacker Rank.
- Web Development Training Certificate - Internshala.