SAHIL BARAK

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PORTFOLIO | GITHUB | LEETCODE

ABOUT ME

A passionate **Full-Stack Developer** with a strong foundation in **Java, JavaScript, React, Node.js, Next.js, and PostgreSQL**. I hold a **B.Tech in Computer Science (2023)** and have hands-on experience in building scalable web applications. I have a solid grasp of **Data Structures and Algorithms (DSA)** and have solved **400+ problems on LeetCode** using **Java**, strengthening my problem-solving abilities. My expertise includes developing **full-stack applications** with modern frameworks, implementing **secure authentication**, and managing **databases using Prisma and MongoDB**. I am eager to contribute my skills in a dynamic environment and continuously learn new technologies to build efficient and user-friendly applications.

EDUCATION

PDM UNIVERSITY   Bahadurgarh, Haryana
Bachelor of Technology   Aug 2019 - May 2023
- Major in Computer Science and Engineering
- Cumulative GPA: 7.31/10.0
- Skills : Java, Data Structures, Operating Systems, Algorithms, Networking

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PROJECTS

MOX FINANCE APPLICATION @GITHUB @VIEW LIVE project
TECH STACK USED - NEXT.JS, HONO JS, CLERK, ZOD, DRIZZLE ORM
- **Comprehensive Financial Management** - Track income, expenses, and manage multiple bank account seamlessly.
- **Interactive Analytics &** reports - Gain insights into spending habits with visual graphs and detailed reports.
- **Modern UI with Dark/Light Mode** - A user-friendly interface with an intuitive theme switcher for better accessibility.

MOX CAB BOOKING APPLICATION @GITHUB @VIEW LIVE PROJECT
TECH STACK USED - NODE, REACT JS, EXPRESS, MONGODB, RAZORPAY
- **Seamless Ride Booking System** – Users can book rides with different vehicles options(Car, Bike, Bus) and schedule
- **Full-Stack MERN Application** - Built with **React, Redux, Node.js, Express, and MongoDB** for a robust and scalable system
- **Integrated Payment & Navigation** – Secure transactions via **Razorpay** & real-time route mapping with google map API

NEXT JS SCHOOL MANAGEMENT APPLICATION @GITHUB
TECH STACK USED - REACT JS, PRISMA, POSTGRESQL, DOCKER
- **Comprehensive School Data Management** – Stores and organizes data for students, teachers, parents, and expenses.
- **Modern Tech Stack & Deployment** - Built with **Next.js, Prisma, PostgreSQL, and Docker** for scalability and efficiency.
- **Secure Authentication & Cloud Integration** – Implements **Clerk** for authentication and **Cloudinary** for media storage to enhance functionality.

SKILLS

Programming Language: Java, Javascript, Typescript, HTML/CSS
Frameworks: React, Next JS, Express, Node, Git**,** TailwindCSS
Databases – MySQL, MongoDB

CERTIFICATIONS & EXTRACURRICULAR ACTIVITIES

- Secured **AIR** in **GATE 2024 - 291**
- **Google** UX Design Professional Certificate
- **Accenture**(United Kingdom) Developer Certificate
- Contributed in **Google summer of Code** 2024