ABHISHEK SINGH

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Profile Summary

Full Stack Developer (MERN, Next.js, Python) skilled in building high-performance, scalable apps. Expertise in RESTful APIs, database optimization, cloud deployment, and AI-powered solutions. Passionate about innovation using JavaScript, TypeScript, and Python across cloud-native architectures.

Education

Graphic Era University, Dehradun   Jul. 2013 − Jun. 2017
Bachelor of Technology   *CGPA: 7.1*

CDAC, Bengaluru   Mar. 2023 − Aug. 2023
Full Stack Development   *Percentage: 76%*

Experience

IIT Indore – Drishti CPS Foundation   Feb. 2024 – Present
Jr. Full Stack Developer   *Indore*

- Developed and enhanced **5+ scalable MERN & Next.js applications**, improving load time by **30%**. Built RESTful API reducing response time by **40%** with optimized MongoDB queries.
- Enhanced frontend performance and user experience with React.js, Redux, and Tailwind CSS while implementing auth.
- Incorporated 10+ third-party APIs and resolved 15+ deployment issues, reducing dev time by 20% in both frontend and backend.

Livinart technology   Jun. 2022 − Jan. 2024
Junior Developer   *Bhopal*

- Collaborated in a team of 5 developers to deliver 3 full-stack MERN applications ahead of deadlines by 2 weeks, ensuring 100% integration success between frontend and backend modules.
- Participated in code reviews, API integrations, and backend improvements in both Node.js and Python.

Projects

Charak-DT | *TypeScript, Node.js, MongoDB, Next.js, JavaScript* | https://charakdt.com/

- Developed a full-stack healthcare application to streamline patient and doctor management and medical record handling.
- Implemented OTP-based authentication using Node.js for secure user login and a range of third-party APIs.
- Designed and improved the MongoDB database schema for efficient data storage and retrieval.

Incubator | *React.js, Node.js, Express.js, MongoDB, Passport JWT Strategies* | https://incubator.drishticps.org/

- Developed a role-based user dashboard that allows dynamic form creation and management.
- Designed and implemented both frontend and backend (Node.js, Express.js, MongoDB) for seamless functionality.
- Integrated Passport.js with JWT authentication to ensure secure role-based access control.

Simuliware App | *JavaScript, Node.js, MongoDB, Express, Passport Strategies* | Simuliware

- Developed Simuliware app using React.js, Node.js, MongoDB, Express, and JWT authentication strategy.
- Allowed users to sign up, log in and securely authenticate using email/password credentials for a seamless user experience.

AI Chat-Bot | *TypeScript, Next.js, Node.js, MongoDB, Express.js* | AI-Chatbot

- Designed full stack web application using Next.js (App Router), Express.js, MongoDB, Node.js, Tailwind CSS.
- Unified OpenAI's API, Utilized React Hooks and Framer Motion and streamlined a serverless API using Next.js Route Handlers.

Technical Skills

Frontend: React.js, Next.js, JavaScript, Typescript, Tailwind CSS, HTML, CSS, SaaS.
Backend: Node.js, Express.js, REST APIs, Python (Flask, FastAPI)
Databases: MongoDB, MySQL, SQLite.
Authentication: JWT, Passport.js
Dev Tools: Git, GitHub Actions, Docker, Docker Hub, Postman, VS Code, Jira.
Cloud & Deployment: Vercel, Render.
AI & APIs: OpenAI, Third-party API Integrations.
Non-Technical Skills: Adaptability, Interpersonal Skills, Conflict Resolution, Creativity.

Certificates

React.js | **Link** , Node.js | **Link** , JavaScript | **Link** , SQL v/s NoSQL **| Link**