

Dev Raj Singh

FULLSTACK DEVELOPER · SOFTWARE ENGINEER

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SKILLS

- **Strong Areas:** Full stack development, Problem Solving & Optimization, REST API, SQL, CI/CD & DevOps.
- **Languages and Tools:** JavaScript, TypeScript, Next.js, Python, PostgreSQL, Redis, React, Mongo DB, Node.js, GIT, Docker, AWS, Unit Testing, HTML, CSS.

EXPERIENCE

TATA CONSULTANCY SERVICES

Software Engineer

Oct 2023 – Present (Remote)

- Working as a full-stack developer for client project on wealth management platform in the BFSI sector, utilizing, C#, JavaScript and React to build scalable & high-performance SaaS tools, APIs and backend processes.
- Collaborated with client teams to rebuild and optimize legacy applications and integrate complex financial systems, to create technical specifications, and deliver features that aligned with business needs and compliance.
- End-to-end feature delivery, reducing deployment times by 50% by automated testing framework.

CARE FI

SOFTWARE DEVELOPER INTERN

Oct. 2022 - May 2023 (Gurugram, India)

- Designed and implemented a healthcare fintech app using Python, Django, Postgres, Redis, AWS, ORM, and React.
- Driven the implementation of numerous features, related to KYC, transactions and finance portfolio, reporting directly to the CTO.
- Built an extra security layer for sensitive data like two-step permission for bank account addition, data validation and caching.
- Optimized SQL queries & DB indexing, reducing aws costing and db calls by **40%**.
- Enhanced API performance by **20%** and created financial portfolios for user, underwriter, sales, and operation teams.

NIRMITEE

BACKEND DEVELOPER INTERN

Dec. 2021 - Apr. 2022 (Pune, India)

- Build application for movie tickets data parsing, dashboard, price analysis report, and marketing units like cashback system, coupon codes, flyers etc., using Python and JavaScript. Enhanced user engagement reduced page load time.

PROJECTS

FREELANCEX

📺 VIDEO LINK 🌐 SITE 📁 GITHUB

- Created a freelancing web app where freelancers can sell their services as gigs, manage orders and payments.
- Implemented social media features with real-time messaging, work management tool, **Stripe** payment and **Cloudinary** integration.
- MVP design, with MERN Stack, Next Js, React JS, MongoDB, Node and Express Js with CSS libraries like Ant design, Semantic UI and tailwind.

GREENIE

📺 VIDEO 🌐 SITE LINK 📁 GITHUB API 📁 FRONTEND

- A Plant selling e-commerce web app with payment gateway, send grid, access to orders and dashboard
- REST API created with Python and Django, deployed to cloud, worked on MySQL database and secure-auth.
- Front end with JavaScript & Developed using REACT functional components, props, hooks, and state.
- Implemented software design process, OOPS design, database modeling and design.

Target Lead

🌐 SITE LINK 📁 APP LINK

- AI powered B2B lead generation tool for personalized email, campaign and marketing automation that connects with your leads through CSV, or connect with your CRM to generate email and send through gmail or outlook in inbox uniquely for each user.
- Automation agent to run background job, webhook and periodic task that sync through API and message broker.
- **Tech:** Python | JavaScript | PostgreSQL | Celery | Redis | Django

ACHIEVEMENTS

- **THE MAGIC BOOKSHELF** - 2nd place winner at Rowdyhacks hackathon for creating an online book exchange community catering to college students. Built with Flask, MySQL, and JavaScript with a team of 3 developers. [YouTube](#)
- **SFSU Hackathon** - Winner at SFSU Hacks for Best Use of Aut0 and Best ML hack with [DementAi](#) predicting dementia early, developed by a team of 4 using Python, Flask, JS, and ML.
- Pre-finalist at **Smart India Hackathon** 2022 (Software Edition).
- Solved **600+** programming problems on [LeetCode](#) and [Hacker Rank](#).

EDUCATION

Maulana Abul Kalam Azad University of Technology (TMSL)

B.Tech. in Computer Science and Engineering
8.6 cgpa

June. 2019 - Aug. 2023 (Kolkata, India)