NISHCHAL SACHAN

📞 +91-8931989582 Sanchi, Adhyatmik Nagar, Ghaziabad, Uttar Pradesh, 201009
✉ sachannishchal@gmail.com 🔗 /sachannishchal ⌂ /Nishchal-Sachan LeetCode

SUMMARY

- Developed scalable **MERN** applications, boosting performance and engagement by **30%**
- Optimized ReactJS performance, cutting load time by **25%**
- Implemented secure **authentication**, reducing unauthorized access by **40%**.

EDUCATION

Ajay Kumar Garg Engineering College *(Expected June 2028)*
  B.Tech in Computer Science and Engineering (AI & ML)

Durgaprasad Vidyaniketan *(2019 - 2023)*
  X: 93%, XII: 94%

EXPERIENCE

Tech Instance | *Frontend Developer* <div align="right">December 2024 – January 2025</div>

- Built an Electron.js e-commerce platform, boosting user retention by **35%**.
- Implemented secure authentication and checkout, improving transactions by **40%**.
- Optimized UI/UX, cutting load times by **25%** for better performance

Forage Job Simulation | *Software Engineering Program* <div align="right">February 2025</div>

- Completed a job simulation where I built a web application using React as a front-end engineer.
- Developed a page for picking a travel date using Skyscanner's open-source Backpack React library.
- Customised my application and ran automated tests to ensure it rendered properly.

PROJECTS

Wanderlust | *MERN Stack, Ejs templates, Passport, JavaScript* <div align="right">Live Demo</div>

- Authored a full-stack marketplace with **150+** property listings, boosting engagement by **40%**.
- Secured user access with **JWT and Passport.js**, improving application integrity
- Optimized **MongoDB** queries, improving data retrieval speed by **30%**.

Helpkey | *Freelance-Client Project* <div align="right">Live Demo</div>

- Created a hotel booking web app using **React.js, Node.js and MySQL** for managing **100+** listings.
- **Integrated Razorpay** with webhooks for secure payments, reducing manual tasks by **40%**.
- Implemented **JWT-based auth** with **HTTP-only cookies,** improving admin security by **30%**.

Sachanestate | *React, SCSS(Sass), Leaflet* <div align="right">Live Demo</div>

- Designed a real estate website with **React** & **React Router**, improving navigation speed by **30%**.
- Integrated **React Leaflet** for interactive maps, enhancing property searches by **40%**.
- Utilized **Saas** for responsive design, ensuring **100%** cross-device compatibility.

SKILLS

- **Languages**: HTML,CSS Python, C, C++, JavaScript, SQL
- **Frameworks and Libraries**: React, Express.js, Node.js, Bootstrap, Razorpay, Passport, Ejs
- **Tools**: Git, GitHub, Visual Studio Code
- **Databases**: MongoDB (Intermediate), MySQL (Intermediate)

ACHIEVEMENTS

- Solved **250+** problems on GeeksforGeeks, securing an institute rank of **169**.
- **Ranked 3** on CodeStudio, solving **350+** DSA challenges.
- Completed **60+** submissions on **LeetCode**, strengthening DSA skills

CERTIFICATIONS

- Mong DB - GeeksforGeeks
- REST APIs - Postman
- Python - GeeksForGeeks