SAURABH PATEL

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SUMMARY

Results-driven Full-Stack Developer with expertise in React.js, Node.js, and MongoDB, passionate about building scalable applications. Skilled in front-end development, back-end security, and database optimization. Strong problem-solving and analytical abilities with a track record of securing databases and enhancing application performance.

TECHNICAL SKILLS

- **Languages:** C++, Python, JavaScript, JQuery, HTML, CSS, SQL
- **Frameworks & Tools:** React, Bootstrap, NodeJS, ExpressJS, Docker, Git, GitHub
- **Databases:** MySQL, MongoDB
- **Libraries:** Pandas,Numpy,Matplotlib,Seaborn

PROJECTS

1. TrackFunds: Personal Finance Tracker   15 Oct 2024 - 31 Oct 2024

Tech Stack: React.js, Firebase, JavaScript, HTML, CSS **| Link**

- Designed and built a personal finance tracker to help users manage income and expenses effectively.
- Developed a responsive UI using React and integrated real-time data visualizations for financial insights.
- Implemented Firebase authentication and database storage to ensure secure user access and data protection.
- Created reusable modular components (buttons, transaction lists) for better scalability and maintainability.
- Enhanced state management with React Hooks, improving user experience and app responsiveness.

2. Examining and Securing MongoDB & NodeJS   Feb 2024 – Mar 2024

Tech Stack: JavaScript, MongoDB, Node.js, Django

- Implemented security best practices to safeguard MongoDB and Node.js applications.
- Developed robust access control and token-based authentication systems.
- Optimized database queries and server performance for improved efficiency.
- Conducted security testing to identify and mitigate potential vulnerabilities.

EDUCATION

VIT Bhopal University	Bhopal
Master of Computer Applications (MCA)	CGPA: 8.2	Aug 2023 - Ongoing
CSJM University	Kanpur
Bachelor of Computer Applications (BCA)	71%	Oct 2020 - Jul 2023
Vidya Niketan Inter College	Fatehpur
Class XII	75%	Apr 2019 - Mar 2020
Saraswati Vidya Mandir Inter College	Fatehpur
Class X	86%	Apr 2017 - Mar 2018

CERTIFICATIONS

- SQL (5-Star) - HackerRank
- Networking Basics - Cisco
- JavaScript Completion - Scaler

ACHIEVEMENTS & LEADERSHIP

- Secured internship offers from Sabudh Foundation.
- Achieved a top 5% SQL ranking on HackerRank (5-Star).
- Placed 3rd in a school-level painting competition.
- Held leadership roles in school clubs and student organizations.

LANGUAGES

- English
- Hindi