

Shivam Pant

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PROFESSIONAL SUMMARY

Computer Science student with strong expertise in **full-stack development**, **data analytics**, and building scalable, cloud-native solutions. Proficient in **React**, **Node.js**, and modern cloud platforms, with a track record of developing high-performance applications that boost user engagement and significantly reduce processing time. Passionate about **AI-driven development**, **automation**, and creating intelligent systems that solve real-world problems efficiently.

TECHNICAL SKILLS

- **Languages:** Java, JavaScript, SQL, Python, HTML, CSS
- **Technologies:** React.js, Redux, MERN Stack, Next.js, Node.js, Git, GitHub, Postman, MongoDB, MySQL, Tableau
- **Concepts:** Object-Oriented Programming, Data Structures & Algorithms, Computer Networks, Operating Systems, Cloud Computing, Data Analysis, Data Visualization, Data Cleaning, DBMS

PROJECTS

RecipifyAi | React.js, Redux, Tailwind CSS, Appwrite, Gemini 2.0 | <https://recipify-ai.vercel.app>

- Built an **AI-powered recipe app** enabling **500+** users to add, view, and generate recipes using **Gemini 2.0**, boosting engagement by **30%**.
- Integrated **Appwrite** for real-time operations and secure auth, handling over **10,000** database reads/writes with seamless **Redux** state flow.
- Designed a fully responsive UI with Tailwind CSS, improving page load times by **35%** and supporting future **AI-based** diet plan generation.

Fin-Visor | Next.js, React, Tailwind CSS, Live blocks, ShadCN UI | <https://finvisor-wheat.vercel.app>

- Developed an **AI-driven finance management platform** using Next.js and React, reducing financial planning time by **40%** and enhancing user retention by **25%**.
- Integrated expense tracking with Neon PostgreSQL, ensuring **99.9%** uptime and handling **10,000** concurrent queries.
- Designed an interactive dashboard, improving load times by **40%** and reducing memory usage by **30%**.

Travel GPT | React.js, Firebase, Google Places API, Tailwind CSS, Shad CN UI | <https://travel-gpt-ivory.vercel.app>

- Engineered an **AI-powered** trip planner generating **20+ optimized itineraries per session**, reducing manual effort by **60%**.
- Implemented Google Places API for contextual location suggestions, improving search efficiency by **50%**.

On The Go | React.js, Node.js, Express.js, MongoDB, Firebase, Tailwind CSS | <https://onthego-swcc.onrender.com/>

- Pioneered a highly scalable and efficient backend architecture, **reducing API response times by 30%**.
- Incorporated **Google OAuth authentication**, securing **98% of login attempts** while maintaining zero security breaches.
- Enhanced MongoDB queries, **reducing data retrieval time by 35%**, enhancing search performance.

WORK EXPERIENCE

Girl Sript Summer of Code - Contributor

May – Aug 2024

- Contributed to **5+** open-source projects, improving performance by **15%** using React, Node.js, and MongoDB.
- Collaborated with **10+** cross-functional teams, gaining hands-on experience in project management and teamwork.
- Mentored by a Program Manager, receiving expert guidance on best practices in software development, which significantly improved code quality and **reduced debugging time** by an impressive **20%**.

CERTIFICATIONS & ACHIEVEMENTS

- **Winner of Arma Code 0 Hackathon** by IISER Bhopal and IIIT Bhopal
- **Accenture Data Analytics and Visualization Job Simulation (Forage, Dec 2024)**
- Solved **400 LeetCode** and **200 GFG** problems in Java
- Participated **Adobe GenSolve Hackathon 2024 (Round 2)**
- **Power BI (Simplilearn, Oct 2024)** – Gained expertise in data visualization, dashboard creation, and analytics.
- **MS Excel (Simplilearn, Sept 2024)** – Gained expertise in data analysis, pivot tables, and advanced Excel functions.
- **Cloud Computing (Silver Tier)** – NPTEL

EDUCATION

VIT Bhopal University

Bachelor of Technology in Computer Science and Engineering – (CGPA -9.06)

Aug 2022 – Ongoing

Bhopal, Madhya Pradesh