Gaurav Pramod Singh

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SUMMARY

Computer Science graduate specializing in **full-stack development**, **backend engineering**, and data-centric application design. Proficient in JavaScript, React, Node.js, Express, Python, SQL, and MongoDB, supported by strong skills in algorithms, APIs, and database systems. Experience includes software development contributions at TechLuminix and engineering/data analytics responsibilities at Mepro Tech. Focused on delivering scalable architectures, efficient code, and reliable, user-friendly applications.

EDUCATION

Bachelor of Science, Computer Science   Jun. 2019 - May. 2022
Thakur College of Science and Commerce, Mumbai, MH(India)
Relevant Coursework: Software Engineering, RDBMS, Web Services, Cloud Computing, Data Science, Data Structure

Master of Engineering, Computer Science, Corvallis, OR(US)   Sept. 2023 - Dec. 2025
Oregon State University
Relevant Coursework: Algorithms, Computer Architecture, Human Computer Interaction, Parallel programming

WORK EXPERIENCE

Student Technician   Jun. 2024 - Dec. 2025
Oregon State University, Corvallis, OR(US)
- Provided technical support to over **20+** OSU students, staff, and faculty weekly via phone, email, and in-person, ensuring timely issue resolution.
- Diagnosed and resolved hardware/software issues, achieving a **90%+** first-contact resolution rate.
- Configured, updated, and repaired **100+** university-owned computers, revising device performance and simplifying recurring tickets by **18%.**
- Installed and maintained essential software across student labs, decreasing downtime by 25% and revising overall system reliability.
- Maximized team efficiency in a fast-paced environment by meeting SLAs and overhauling user satisfaction scores by **15%** through effective issue resolution.

Software Developer Intern   Jun. 2024 - Sep. 2024
TechLuminix, Remote, India
- Refactored **JavaScript** and **Python** application modules to improve code quality and cut logic-related errors by **20%** during testing.
- Streamlined understanding of internal modules and application architecture for a team of 5+ developers, accelerating feature implementation by **10%**.
- Documented system architecture and clarified feature workflows alongside a team of 6+ developers, reducing onboarding time for new interns by **30%**.
- Boosted development efficiency by applying industry best practices, helping diminish feature development time by **10–15%**.

Software Engineer   Jun. 2022 - Aug. 2023
Mepro Tech, Mumbai, India
- Developed full-stack features using JavaScript, **React**, **Node.js**, Python, and **MongoDB/SQL**, boosting system stability and enhancing UI responsiveness.
- Engineered and fine-tuned **REST API** endpoints and **data pipelines**, raising backend throughput and cutting query latency by **20%**.
- **Automated** backend tasks, validation flows, and deployment routines, reducing manual effort and production issues by **25%**.
- Refactored service layers and applied modular architecture patterns, lowering bug recurrence and accelerating feature delivery by **15–18%**.
- Contributed to **Agile/Scrum** ceremonies, including sprint planning, stand-ups, and retrospectives, to support predictable and high-quality releases.
- Partnered with cross-functional teams to clarify technical requirements and document system architecture, improving engineer onboarding and alignment.

PROJECTS

Stock Market Tracker
- Developed a real-time stock dashboard using React, **Redux Toolkit**, **Recharts**, and the **Alpha Vantage API** | GitHub Repository | Live Demo
- Engineered robust API request flows and fallback logic to maintain seamless data retrieval under rate limits, elevating overall application reliability.
- Implemented portfolio tracking, watchlist, **global state management**, and a dynamic light/dark theme.
- Structured the codebase with scalable **Redux slices** and reusable UI components, allowing swift expansion for future features and reducing maintenance effort.
- Created a responsive, clean UI and deployed securely on Vercel using environment variables.

Anime & Manga Search Explorer
- Built a full project with React, **Vite**, **Tailwind CSS**, REST APIs, and LocalStorage | GitHub Repository | Live Demo
- Created a responsive anime/manga search app powered by the **Jikan REST API**, featuring filters for category, type, and minimum score.
- Designed dynamic UI components including interactive cards and a scrollable detail modal displaying ratings, episodes, genres, and synopsis.
- Established a persistent Watchlist with **LocalStorage**, allowing users to retain favorites across sessions and enhancing user engagement.
- Introduced a "Top-Rated Anime" homepage feed to enhance discovery and overhaul user experience.
- Deployed project on **Vercel** with optimized build performance and **CI/CD** automation through GitHub.

TECHNICAL SKILLS

- **Languages**:   JavaScript, Python, TypeScript, C++, Java
- **Database**:   MySQL, Postgres, SQL, MongoDB
- **Framework**:   React.js, Node.js, Tailwind CSS, Vite, JSON, Express, RESTful APIs
- **Cloud & DevOps**:   AWS (Lambda, ETL), Docker, CI/CD
- **Certifications**:   Microsoft Power BI Training (2023), AWS Certified Cloud Practitioner - (In progress)