

Gaurav Pramod Singh

[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

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SUMMARY

Graduate Computer Science student 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

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)

Oregon State University

Relevant Coursework: Algorithms, Computer Architecture, Human Computer Interaction, Parallel programming

Jun. 2019 - May. 2022

Sept. 2023 - Dec. 2025

WORK EXPERIENCE

Student Technician

Oregon State University, Corvallis, OR(US)

Jun. 2024 - Dec. 2025

- 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

TechLuminix, Remote, India

Jun. 2024 - Sep. 2024

- 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

Mepro Tech, Mumbai, India

Jun. 2022 - Aug. 2023

- 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, enabling users to save favorites across sessions and increasing return-user engagement by 15%.
- 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.

SKILLS

Languages/Tools: JavaScript, React, Node.js, Express, SQL, Python, MongoDB, PostgreSQL, Tailwind CSS · Git

Technical Skills: Full-Stack Web Development, Responsive UI / UX Design, RESTful APIs, Data Visualization, API Integration

Soft Skills: Strategic Decision-Making, Attention to Detail, Analytical Thinking, Problem-Solving, Effective Communication, Collaboration

CERTIFICATIONS

Microsoft Power BI Training (2023), AWS Certified Cloud Practitioner - (In progress)