Shivam Gupta

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About

Software engineer experienced in designing and implementing scalable, interactive web applications. Skilled in C++, JavaScript, HTML, CSS3, and XML, with a strong foundation in algorithms, object-oriented design, and SDLC best practices.

Skills

Languages: C++, Java, JavaScript, SQL
Web Technologies: Node.js, Express.js, MongoDB, REST APIs, XML, Flex, CSS
Databases & Tools: MongoDB, Git, GitHub, Postman, Linux
Methodologies: Agile, Scrum, Object-Oriented Design

Experience

Product Engineer, Rubrik Inc. – Bangalore, KA   Aug 2023 – Current

- Designed and optimized internal web dashboards for analyzing cluster health and job failures, improving engineering visibility, and reducing diagnosis time by 40%.
- Collaborated with backend teams to integrate REST APIs for MySQL job telemetry and workload monitoring, ensuring seamless UI-data synchronization at scale.
- Built interactive visualizations using JavaScript, HTML, and CSS to represent real-time system metrics, empowering teams to detect and resolve production incidents proactively.
- Partnered cross-functionally with engineers and customer teams to translate troubleshooting workflows into intuitive interfaces, accelerating RCA (root cause analysis) by 30%.
- Applied Agile practices and engineering excellence principles to iterate rapidly on internal tooling, improving usability and operational efficiency for 100+ global users.

Software Engineer Intern, Unisys – Bangalore, KA   Oct 2022 – Jan 2023

- Implemented lazy metadata parsing for large file headers, reducing initial disk I/O from $\mathcal{O}(S)$ to $\mathcal{O}(D)$, lowering startup latency and memory usage, while eliminating redundant file re-open operations by reusing in-memory directory metadata.
- Introduced a lightweight parsed-state flag with a non-disruptive fallback, preserving robustness and enabling non-blocking background parsing with measurable benchmarking.

Projects

SALESFORCE EXTENSION | HTML, CSS, JavaScript, DOM   github.com

- Built a Chrome extension to automate queue refreshing in Salesforce Lightning, eliminating manual refreshes and boosting team efficiency by 100%.
- Engineered a utility bar toggle using MutationObserver and Chrome APIs, enabling configurable refresh intervals and real-time queue visibility.
- Reduced 50% of the manual workload for support teams, improving responsiveness and productivity.

MODERATOR BOT | Java, JDA   github.com

- Built a custom Discord bot using JDA, automating moderation tasks and boosting engagement for TYCOON, a university community with 100+ active members.
- Implemented 8+ utility and moderation commands, including message deletion, profanity filtering, user info lookup, invite generation, and essential calculator functions.
- Reduced manual admin effort by 70% and improved response time for common queries and actions.

Achievements

Earned "CalmerOfStorms" exceptional performance within one year of my tenure.   Nov 2024

Education

JAIN(DEEMED-TO-BE) UNIVERSITY, B.Tech in Computer Science   August 2019 - June 2023

- CGPA: 8.5/10 (Degree)
- **Coursework:** Operating Systems, Database Management Systems, Computer Networks