SARTHAK CHHABRA

Tech Lead | Empirical Run

BASIC INFORMATION

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WORK EXPERIENCE

Tech Lead Apr 2025 - Present
Forge AI (Empirical Run)
NodeJS, AWS Services, Postgres, Generative AI
- Developed tools and streamlined system information delivery for seamless LLM integration, enhancing query resolution efficiency and improving tool response speed.
- Implemented a robust queuing mechanism to streamline request handling, eliminate race conditions, and ensure reliability under high-concurrency scenarios and reducing response time from 1 minute to 5 seconds.

Senior Software Engineer Mar 2022 - Apr 2025
Dresma AI
NodeJS, AWS Services, MongoDB, Kafka, Technical Architecture
- Reduced response time by 40% and improved system efficiency by 30% through meticulous debugging and implementation of optimized coding practices.
- Engineered intricate architectures resulting in near-fail-proof systems capable of handling heavy computation, reducing processing time by 30% and increasing stability by 50%.
- Provided comprehensive training and mentorship to junior developers and engineers, enhancing team proficiency in backend and frontend development, AWS services, and architectural understanding, resulting in a 20% increase in project delivery efficiency and a 30% reduction in error rates.
- Cultivated a culture of respectful and transparent communication, leading to increased team collaboration and improvement in resolving conflicts efficiently

Full Stack Developer May 2021 - Mar 2022
Gigforce
NodeJS, AWS SQS, MongoDB, VueJS
- Managed end-to-end development of new modules, leading to a 25% increase in module stability, evidenced by a decrease in post-launch bug reports.
- Employed Node.js, Mongoose, and MongoDB for efficient database development and management, resulting in a 30% reduction in query response time.
- Coordinated the implementation of backend services to efficiently manage increased operational scale, resulting in improvement in system scalability and a 40% reduction in response latency during peak usage periods.

Software Developer Oct 2020 - May 2021
Signcatch
ReactJS, Angular, SQL, PHP
- Effectively implemented and administered both new and legacy modules, ensuring optimal user experience, leading to a 25% increase in positive user feedback and a 15% decrease in consumer churn rates.
- Collaborated throughout the systems development lifecycle, actively contributing to requirement gathering, design, development, testing, and production releases, resulting in seamless project execution and a 20% reduction in time-to-market for new features.

Associate Software Engineer Jan 2019 - Oct 2020
Bosch
Angular, C Sharp, SQL
- Collaborated closely with product owners to remain updated on intended functionality, ensuring alignment between development efforts and product goals, resulting in a 20% decrease in rework iterations.
- Resolved user issues promptly and efficiently, escalating complex problems to appropriate teams when necessary, resulting in a 25% reduction in average ticket resolution time.
- Engaged in team discussions to address issues collaboratively, applying collective expertise to provide effective resolutions and implement best practices, resulting in a 20% reduction in recurring issues.

EDUCATION

Bachelor of Engineering In Computer Science (8.7 CGPA) Aug 2015 - July 2019
Lovely Professional University