

Tharun Kumar T

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TECHNICAL SKILLS

- **Languages:** Java, Python, C/C++, MySQL, MongoDB, JavaScript, HTML/CSS, Go
- **Frameworks:** React, Next.js, Node.js, Express
- **Tools:** Git, Docker, VS Code, IntelliJ

EXPERIENCE

- **Zoho Corporation** Chennai, India
Member Of Technical Staff — Java, MySQL Jun 2023 - Present
 - **Query Optimization:** Improved response times by identifying and **optimizing slow queries** through query refactoring and proper indexing, resulting in a **95% reduction in average response time**.
 - **Data Integrity:** Fixed critical design-level flaws in frameworks responsible for evaluating key financial reports, resolving data inconsistencies among **3 million user records**.
 - **Competitor Benchmarking:** Conducted comprehensive competitor analysis to identify feature gaps, driving the development of **5 high-demand features**, reducing churn.
 - **Automated Workflows:** Implemented product-level workflows, adopted by more than **80% of active users**, automating common and repetitive actions.
 - **Production Issue Resolution:** Monitored and **fixed 30% of production bugs** by analyzing unhandled exceptions, deadlocks, concurrency and out-of-memory issues, improving stability and up-time.
 - **User Experience Optimization:** Identified long-running **RESTful APIs** and migrated them to **asynchronous jobs**, resulting in **70% better performance** and smoother user experience.
- **Zoho Corporation** Chennai, India
Project Trainee — Java, MySQL Aug 2022 - Jun 2023
 - **Code Refactoring:** Enhanced code readability and maintainability of the **monolithic ZOHO Finance Suite** by restructuring the relevant code into **submodules**.
 - **User Issue Resolution:** Assisted in identifying and resolving technical issues reported by **more than 100 users** over three weeks, through support tickets.
 - **Production Issue Analysis:** Assisted in delegating identified production bugs among a team of 60 members by categorizing them by severity, **reducing the average resolution time by 40%**.

EDUCATION

- **Velammal Engineering College, Anna University** Chennai, India
Bachelor of Engineering in Computer Science; CGPA: 9.16/10 2019 - 2023

PROJECTS

- **Interviewed** — *MongoDB, Express, React, Node.js* Jun 2022
 - Developed an online platform using **React** and **WebRTC**, streamlining the interview process with intuitive ways to **schedule, participate, and evaluate virtual interviews** through role-based user interfaces.
 - Demonstrated the platform's effectiveness and its usefulness for recruiting and interview preparation incorporating **mock interviews** for campus management and students.
- **Haze** — *Go* Mar 2023
 - Built an **interpreted programming language**, Haze using Go, with a **python-like** syntax.
 - Researched compiler and interpreter design to develop a functional interpreter as part of the **final year project**.

CERTIFICATIONS & HACKATHONS

- Shortlisted as **one among the 30 teams across India** to participate in the LightSpeed hackathon, developing a **news-first social platform**, gaining valuable insights into emerging technologies.
- Developed a **search-driven** task management app for the AtlasHackathon, hosted by MongoDB
- Completed **Google IT Automation in Python**. Coursera, *Sep 2021*
- Completed MongoDB Basics. MongoDB University, *Dec 2021*