

Tarun Meena

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Education

IIT Roorkee

B.Tech(Computer Science and Engineering)

Jul 2016 – Jun 2020

Roorkee, India

Experience

Ma'at Love enterprise LLC

Full-stack web-developer

Dec 2023 – Present

Huntersville, NC (Remote)

- Architected and developed a robust money-saving challenge platform using **React.js** for the front-end and **Node.js** for the back-end, resulting in saving users an average of 25% monthly.
- Leveraged **Recoil** library to streamline data flow and ensure real-time synchronization across 50+ components, achieving a 40% reduction in UI loading time.
- Integrated the **Stripe API** to facilitate secure and efficient payment processing, leading to a 30% increase in user participation.
- Deployed the back-end on **AWS Lambda** and the front-end on **Vercel**, boosting performance by 25% and enhancing scalability.

Netcracker Technologies

Software engineer

Jun 2022 – Aug 2023

Hyderabad, India

- Coded high-performance Kafka consumers in **C++** to process and analyze charging-related data, ensuring efficient data retrieval and validation efficiency by 25%.
- Collaborated with a team of 5 engineers to completely redesign the rating functionality, enabling device-level identification and efficient IoT consumption tracking, increasing accuracy and performance by 20%.
- Resolved **gRPC** (Google Remote Procedure Call) and **Protocol Buffers** (protobuf) dependencies, enhancing system compatibility and performance by 15%.
- Conducted peer code reviews to maintain code quality and promote knowledge sharing within the team.

Netcracker Technologies

Associate Software engineer

Oct 2020 – Jun 2022

Hyderabad, India

- Employed **Valgrind** tool to detect and resolve memory leaks, improving code stability and reducing crashes by 15%
- Automated the testing process using **shell scripting** for regression and unit testing, increasing software reliability and test coverage by 25%.
- Authored and collaborated on 70+ schema change documents, ensuring seamless system updates and 100% data integrity.

Projects

YC Web Scraper | *Node.js, Typescript, Crawlee, Cheerio*

- Developed a web scraper using **Node.js** to extract structured data from Y Combinator (YC) company pages.
- Integrated **Crawlee** for efficient web scraping and **Cheerio** for HTML parsing, ensuring 95% accuracy in data extraction.

Achievements

- Achieved **1st place** out of **100** teams in the organization-wide General Knowledge and Science Quiz.
- Recognized within the organization for outstanding contributions and recipient of **Star Performer award** for it.
- Earned a letter of appreciation for the **highest improvement in cumulative grade point average**.
- Completed an immersive **MERN stack** program, focusing on **MongoDB, Express.js, React.js, and Node.js**, built and deployed 4 projects, increasing hands-on experience and efficiency in full-stack development by 60%
- Organized and led team-building activities to enhance team cohesion and collaboration, improving overall productivity by 10%.

Skills

- **Languages:** JavaScript, C++, SQL
- **Frameworks/Libraries:** MERN Stack (MongoDB, Express.js, React.js, Node.js), Next.js, Recoil
- **Databases:** MongoDB, Cassandra, Oracle
- **Technologies:** AWS, Kafka, Git, Stripe, TypeScript, Protocol Buffers (protobuf),