

UTKARSH GARG

Tech Lead

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SUMMARY

Full-Stack developer with **4.5+** years of professional experience, specializing in **TypeScript, ReactJS, and NodeJS**. Core contributor to business intelligence tools and logging micro-services, achieving significant performance improvements and scalability. Proven track record in mentoring, component library development, and data visualization. Recognized for significant performance improvements and effective data visualization solutions.

EXPERIENCE

Tech Lead, D. E. Shaw & Co.
Hyderabad, India

July 2020 – Current

Member of the Web Infrastructure team, contributing to scalable frontend and backend development. Focuses on enhancing business intelligence tools, improving UI component libraries, optimizing performance, and mentoring team members.

- Developed and maintained a comprehensive business intelligence tool using **TypeScript, ReactJS, and Storybook**.
- Implemented a robust Logger micro-service API with **NodeJS**, optimizing endpoints for large batched requests and effective data retrieval.
- Created a usage logging insights tool in **JavaScript** and **Python**, aiding in data-driven decision making.
- Increased data processing efficiency by **12x** by integrating **Dask** for **parallel-distributed** computing in backend analytics.
- Led the redevelopment of the **React** UI component library on **Material UI** and improved component development methodology.
- Owned and maintained five projects to keep them updated and made sure developers use these modules without any hassle.
- Actively participated in talent acquisition, interviewing candidates at **IITs** and contributing to the off-campus recruitment program.

Placement Coordinator, NIT Allahabad
Prayagraj, India

July 2019 – May 2020

- Conducted Mock tests and interviews to prepare students for college placements and internships.
- Organized various training sessions and PPT's of several firms for crowd of **300-400 students**.
- Handled various logistics with the help of my team and made sure recruitment session by a company are organized successfully from start to end.

Summer Intern, Visa Inc.
Bangalore, India

May 2019 – July 2019

Contributed to the development and maintenance of a status tracker using **ReactJS** and **Redux**, with backend support via **GoLang** and relational database design.

- Improved SDLC process by creating a status tracker, replacing the outdated email tracking method.
- Created **GoLang** endpoints to fetch and update tracker configuration and data.

EDUCATION

Motilal Nehru National Institute of Technology (NIT) Allahabad

Bachelor of Technology, Computer Science & Engineering.

2016-2020

CGPA – **9.16/10**

PROJECTS

Chat Encrypter **Oct 2018**
Java, Cryptography, Socket Programming

- Chat Application with end-to-end symmetric and asymmetric encryption with file transfer facility.
- GitHub Link: <https://github.com/utkarsh22garg/ChatEncrypter>

AWARDS & ACHIEVEMENTS

- Promoted to Senior member Technical in **1.5 years** for being a star performer in D.E. Shaw.
- Awarded Merit Scholarship award for standing in top **18 out of 176** students in academics during the college.
- Secured global rank **317** out of 10000+ participants in January long challenge 2019 conducted by CodeChef.
- Secured a position in **top 5** out of 31 teams in annual android event DROIDRUSH conducted by MNNIT Allahabad.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Python, C, C++, Java, HTML, CSS, SQL

Libraries & Frameworks: NodeJS, ReactJS, Redux, react-query, Material-UI, Python-Dask, React Testing Library, Mocha, Storybook

Tools & Software: JupyterLab, Visual Studio Code, Linux, Git