# Vashisht Gupta

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## EDUCATION

**The University of Texas at Dallas**                                                                    Aug'21-May'23
Master of Science, Computer Science(3.89/4.0)                                                    Richardson, TX

**Institute of Engineering and Technology, Lucknow**                                        Aug'13-June'17
B.Tech, Computer Science and Engineering (78.64%)                                          Lucknow, India

## TECHNICAL SKILLS

- **Programming Languages:** Javascript, Python, PHP, MySQL
- **Frameworks & Tools**: ReactJS, Node.JS, Apollo-client, Webpack, React Testing Library, Puppeteer, GraphQL, HTML, CSS

## RELEVANT WORK EXPERIENCE

**Tokopedia India Pvt Ltd**
**Software Engineer**                                                                                          May'19 – Aug'21
- Developed new features, optimized and maintained code for Buyer Growth Platform [Mobile and Desktop], using ReactJS, NodeJS, and GraphQL
- Revamped Tokomember - tokopedia's membership program and TopQuest for a better user experience.
- Developed the frontend of Tokopedia's Insurance module, using ReactJS and GraphQL
- Optimized Tokopedia's Lite(Mobile web) and Desktop Repositories to improve the performance.
- Developed Chrome Extensions to measure web page performance and core web vitals of key pages using Google Lighthouse API and to track and report bugs across the Tokopedia web ecosystem
- Ensured strict code coverage of 70% across modules, using React Testing Library
- Monitored the server infrastructure and deployment process for anomalies and issues

**IndiaMART InterMESH Limited**
**Software Programmer**                                                                                       July'18 - Mar'19
- Reduced page load time by 50% by optimizing the code and employing the best coding strategies
- Increased conversion on Home Page by 12.73% and Engagement by 38% by rewriting it as a part of Progressive Web App(PWA)
- Implemented Vernacular Voice Search across the mobile website and maintained PWA modules
- Reduced the deployment downtime of PWA to 0 seconds
- Implemented JWT centrally across PWA and Mobile website for increased security
- Implemented and maintained Caching, both on the Front End(Service Worker) and reverse proxy(Varnish Cache) across the mobile website
- Developed new features on, and maintained the Company Module of IndiaMART's mobile website
- Monitored the server infrastructure and deployment process of the Web App

**Associate Software Programmer**                                                                    June'17 – June'18
- Developed new features on, optimized, and maintained Login/Identification, Buyer requirement, Profile, and Home modules of IndiaMART mobile website, using Javascript and PHP
- Implemented and maintained personalization widgets across modules on mobile websites, using Javascript and PHP
- Performed optimizations on centralized components(Header, Footer, and Menu) on the mobile website
- Restructured the entire code base of the home module of the mobile website for better code modularity, scalability, and easy maintenance
- Maintained Seller modules on the PWA(Progressive Web App) portion of the mobile website
- Implemented Search Module on PWA

## PROJECTS

**Fruit/Vegetable Farm**
- Implemented a Full Stack e-commerce application to sell vegetables/fruits including pagination, filtering, checkout and orders
- Technology Used : Javascript, Node.js, MongoDB, HTML, CSS

**Bitcoin Transaction System**
- Implemented a Full Stack Bitcoin Transaction system for traders to buy and sell bitcoins for their clients as well as themselves.
- Technology Used : React, Javascript, Python, Flask, MySQL

## HONORS

- DNA Award (October'20) in recognition of my efforts at Tokopedia
- Best Employee of the month (Aug'18, Feb'19) at IndiaMART
- Best Performer of the month(Dec'17) at IndiaMART