

Vashisht Gupta

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Location: Dallas, TX, 75252

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EDUCATION

The University of Texas at Dallas, Dallas, TX

August 2021 - May 2023

Master of Science in Computer Science (Specialization in Intelligent Systems)

GPA: 3.8/4.0

Courses: Web Programming Languages, Database Design, Design and Analysis of Algorithms, Human-Computer Interaction, Machine Learning, Artificial Intelligence, Natural Language Processing

Institute of Engineering and Technology, Lucknow, IN

August 2013- June 2017

Bachelor of Technology in Computer Science and Engineering

GPA: 78.64%

TECHNICAL SKILLS

Languages: Javascript, Typescript, Python, PHP, MySQL

Tools: Node.JS, Webpack, GraphQL, NextJS, Django, Flask, HTML, CSS, Git, Hive, Apache Cassandra, Scalyr, Grafana, JIRA

Libraries: ReactJS, Redux, Apollo-client, React Testing Library, Puppeteer, Numpy, Pandas, Scikit-learn, Huggingface

PROFESSIONAL EXPERIENCE

Frontend Engineering Intern, Amazon Web Services, Seattle, WA

May 2022 - August 2022

- Developed Security Hub widget that provides a summary of security posture generated by AWS Security Hub
- Collaborated with AWS Console home team to make the security hub widget integration ready on AWS console and at the same time ensured ~100% code coverage

Software Engineer, Tokopedia, India

May 2019 - August 2021

- Revamped tokopedia's membership program and TopQuest pages for a smooth user experience
- Optimized Mobile and Desktop Web Repositories to improve web performance by 33%
- Developed Chrome Extensions to measure web page performance and core web vitals of critical pages and to track and report bugs across the Tokopedia web ecosystem for a better developer experience
- Ensured strict code coverage of 70% across modules
- Minimized downtime by monitoring the server load and deployment infrastructure

Software Programmer, Indiamart Intermesh Limited, India

July 2018 - March 2019

- Reduced page load time of the mobile website by 51% using optimizations along with caching by service workers and reverse proxies
- Increased conversion on the Home Page by 12.73% and Engagement by 38% by rewriting it as a part of the Progressive Web App
- Increased the number of searches by ~200,000 by implementing vernacular voice search across the mobile website
- Reduced the deployment downtime of Progressive Web App to 0 seconds
- Enhanced security across the mobile web properties by implementing JWT centrally
- Supervised and mentored new joiners on web development tools and processes in use

Associate Software Programmer, Indiamart Intermesh Limited, India

June 2017 - June 2018

- Implemented and maintained Buyer pages and personalization widgets across modules on mobile websites
- Performed optimizations on centralized components of the mobile website and reduced the page size by 30%
- Restructured the code base of the home page of the mobile website for modularity, scalability, and easy maintenance
- Increased the conversion by almost 50 % by migrating search and seller modules to a Progressive Web App

PROJECTS

- **NER using BERT:** Entity Recognition on modified Co-NLL 2003 dataset using transformers with an F-1 score of 0.92
- **Bitcoin Transaction System:** A Full Stack Bitcoin Transaction system for traders to buy and sell bitcoins
- **Nine Men's Morris Solver:** A program to solve nine men's morris using Minimax Algorithm and Alpha Beta Pruning

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