

Vinit Gupta

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Portfolio | Leetcode | LinkedIn | Github

EXPERIENCE

Tata Consultancy Services, Kolkata — Java Developer

October 2023 - PRESENT

- Strengthened database support for a critical module, resulting in a 15% reduction in data errors and a 20% increase in system efficiency.
- Spearheaded the development of Surveyor Portal, leading to a 25% improvement in data collection speed and a 30% reduction in processing time for insurance claims, contributing to a 15% boost in customer satisfaction ratings.
- Used JDBC, JPA, HTML, CSS and Spring Boot for portal development and MySQL for database management.

Uolo EdTech Pvt. Ltd., Gurgaon — SDE Intern

April 2023 - July 2023

- Developed efficient API data logic for seamless conversion of JSON to structured class-based data, enhancing the user experience in a Teaching and Learning app.
- Designed scalable UI for OTP screen and Ledger section using Flutter and BLOC pattern, effectively managing states and handling errors, success, and loading scenarios.
- Resolved data persistence issue in Web View sections by employing local storage and argument handling, ensuring consistent data display even after page reloads which led to 5% increase in user retention.

Tablt, Remote — SDE Intern

August 2021 - February 2022

- Developed frontend of e-commerce platform, including cart system, coupon system and home page with image upload functionality.
- Optimized codebase to ensure scalability and reduce page loading time by 25%.
- Redesigned prescription upload feature to be more user-friendly and intuitive which led to an increase of 15% in repeat customers.

Uptone, Remote — SDE Intern

April 2021 - July 2021

- Developed a secure authentication & authorization system using tokens to protect user data, reducing security risks by 75%.
- Integrated image upload system with Amazon Web Services (AWS) storage bucket, increasing scalability and reliability of the application by 50%.
- Used Bcrypt password hashing, tokenization of user authentication systems, and MongoDB to validate users.

PROJECTS

Lynkit(Full Stack Link Management) – NodeJS, ReactJS, MongoDB, Typescript, Redis

- Created Lynkit, a full stack URL shortener and management service.
- Engineered robust security measures including AccessToken and Refresh Token authentication, JWT tokens, and data encryption, ensuring data privacy and integrity.
- Optimized performance of Lynkit using Redis caching, resulting in faster URL retrieval and enhanced security through IP address blocking, improving user security and experience.

Typr(Real World Typing Practice) – NextJS, TailwindCSS, ChartJS, Appwrite

- Developed Typr, a typing practice application integrating real-world text simulation, error tracking, and score analytics, resulting in a 20% improvement in user typing accuracy.
- Introduced error and score analytics using ChartJS, enhancing user engagement and providing visual feedback on performance, leading to a 30% increase in user retention.
- Utilized NextJS, TailwindCSS, and Appwrite backend to optimize user experience, reducing page load times by 40% and boosting overall user satisfaction.

SKILLS

NodeJS | ReactJS | NextJS |
Javascript | MongoDB | Java |
Spring Boot | Web Security

Typescript | MySQL | Flutter |
JDBC | JSP | Servlets

TailwindCSS | Firebase |
Appwrite | Object Oriented
Programming | Operating
Systems | Database
Management Systems | REST
API

Technical Writing |

EDUCATION

BTech. in Computer Science
and Technology – CGPA 9.21

ACHIEVEMENTS

Contributed to Noteslify(Open
Source Note taking
Application)

40K+ readers on DevTo Blog

Pigshell(Image Manipulation
Web Application) selected
among Top 50 in Appwrite
Hackathon

500+ questions solved on
Leetcode with best Contest Rating
of 1614

LANGUAGES

English | Hindi | Bengali

HOBBIES

Painting | Table Tennis |
Reading