Abhineet Verma

Location: Lucknow, UP, India

🌐 Portfolio | 🐙 GitHub | 🔗 LinkedIn | 🌐 LeetCode | ✉ in.abhineet@gmail.com

SUMMARY

Full-stack software engineer, proficient in MERN stack, looking for a challenging role in a fast-paced environment, where skills and experience can be used to develop **innovative**, **user-friendly** and **scalable** high-quality products and services.

TECHNICAL SKILLS

- HTML | **HTML Canvas** | CSS | **JavaScript** | **TypeScript** | Java SE | Java Swing | Python | C/C++ | **PHP** | jQuery | Git | Node
- **React** | Redux | **React Native** | **Express** | NextJS | **CodeIgnitor** | OpenCart | Bootstrap | **MUI** | Tailwind CSS | Vue | RestAPI
- **MySQL** | Postgres | Oracle | **MongoDB** | RDS | Redis | **AWS** | Google Cloud | **CI/CD** | Github Actions | Lambda | Linux
- Tensorflow | SKLearn | Pandas | **OpenCV** | Image Processing | **CNN** | Machine Learning | Neural Network | Deep Learning
- **DSA** | Microservices | Distributed System | **System Design** | Apache Kafka | SNS | RabitMQ | Redis | Data Pipeline
- Frontend | Backend | Full-Stack | **SEO** | Google Facebook Ads | Social Media Marketing | Keyword Research

WORK EXPERIENCE

Software Engineer   *Arachnomesh Technologies*   Aug, 2021 - Present

- Refactored codebase, optimized **50+** MySQL queries and fine-tuned database config and indexing across 200+ tables.
- Transitioned from monolithic architecture to **microservice** architecture to achieve high availability and scalability.
- Customized & scaled system to deliver **5-10x** more traffic by implementing database & app-level **caching** techniques
- Addressed multiple client requirements, fixed bugs, and fulfilled over **200+** client issues and features.

Student Research Associate   *Virtual Lab, IIT Kanpur*   Aug, 2022 - Oct, 2022

- Developed a **simulator** for material science lab experiments that reduced the time needed to complete experiments by **20%**, saving students and researchers valuable time.

VFX Animation   *Defence Research & Development Organization DRDO*   Apr, 2022 - May, 2022

- Created a rocket trajectory simulation using **Blender**, showcasing expertise in animation and 3D modeling

Web Developer Intern   *Damick Publications*   Dec, 2020 - Aug, 2021

- Designed and developed a landing page with **85+** SEO score and comprehensive **e-commerce** bookstore website, incorporating full-fledged features to enhance online shopping and user experience.
- Integrated a website payment gateway to increase sales up to **2x**, enabling customers to pay quickly and easily.
- Increase **10x** organic traffic by optimizing UI/UX design, reducing page load time, and implementing SEO techniques.

EDUCATION

Bachelor of Technology   *Government Engineering College, Kannuaj*   2019 - 2023
Major in Computer Science and Engineering | GPA: 8.2/10.0

Highschool & Intermediate   *Jawahar Navodaya Vidyalaya, Barabanki*   2017 - 2018
CBSE Board | 84.8%

PROJECTS

iHunger - A Restaurant Portfolio   *React.js, Redux*   Source Code
Built a React-based restaurant website to demonstrate an understanding of the basic and core concepts of React and Redux.

PUBLICATIONS

1. Tomato Leaf Disease Detection using Enhanced Weight Assignment-based Loss Calculation Method (July, 2023)
2. An Efficient Method to Predict the Tata- Motors Stock Price using Hybrid Machine Learning Methods (Jan, 2023)
3. A Real-Time Approach to Classify the Water Quality of the River Ganga at Mehandi Ghat, Kannuaj (Nov, 2022)