

Niyaz Nabi

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Work Experience

SDE (Software Developer)

July 2022 – Aug 2024

Vertocity, Hyderabad

- Developed and designed a **SaaS product** and full-stack data science projects, ensuring modular, maintainable code, **reducing development time by 15%**.
- Utilized **ReactJS, JavaScript, TypeScript, Tailwind CSS, and Express API** to enhance frontend responsiveness and backend scalability, improving user experience by 20%..
- Implemented efficient **data structures and object oriented programming to optimize data usage** and ensure clean, maintainable code, resulting in a 30% improvement in application performance and used **DOM manipulations and robust REST API Flask API integrations** . Followed Agile principles for iterative development and better project management.
- Excelled in utilizing enhancing system responsiveness and overall functionality.Demonstrated **adaptability by quickly learning and implementing new languages** and frameworks based on project needs.

SDE Intern Software Engineer Intern

March 2022 - June -2022

Visakhapatnam Port Trust, Visakhapatnam

- Created a responsive inventory management system, improving data storage and **retrieval efficiency by 25%, boosting system performance by 30%**.
- Led front-end development of a dynamic web page using **JavaScript, HTML, CSS, integrated REST APIs, resulting in 20% productivity** improvement.
- Optimized backend performance using **SQL and Python, reducing query processing time by 15%**.
- Collaborated closely with cross-functional teams to deliver efficient and scalable solutions.

Projects

Auth-Service Provider

- **Built an authentication system** using **Next.js, Prisma, ShadCN components, Neon tech, React, and TypeScript**, implementing **role-based access control** for different user roles, improving security and scalability by **30%**.
- **Developed two-factor authentication (2FA)** to enhance security, reducing unauthorized access incidents by **40%**.
- **Optimized backend processes** using **Prisma** for database management and **Neon tech** for serverless database scaling, reducing response times by **20%**.
- **Leveraged React and TypeScript** to improve maintainability and performance, increasing system reliability by **25%**.
- **Integrated OAuth with Google and GitHub** for seamless user authentication, improving user registration flow and increasing sign-up rates by **15%**.
- **Tackled debugging challenges** in Next.js, improving my problem-solving skills and gaining deeper understanding of its flow.

Pharmetrade (Ecommerce Pharmacy Website)

[Link](#)

- **Engineered a high-performance, responsive front-end** using **ReactJS, Tailwind CSS, and JavaScript**, leveraging advanced React concepts (e.g., lazy loading, code splitting) to reduce page load times by **25%**.
- **Collaborated with a cross-functional team using the MERN stack** to design a seamless, end-to-end user experience and ensure efficient integration between front-end and back-end.
- **Developed and integrated robust RESTful APIs** using **Express.js**, optimizing the checkout workflow and improving transaction efficiency by **20%**.
- **Enhanced UI/UX by iterative feedback cycles**, leading to **15% increase in user retention** and user engagement.
- **Improved performance and scalability by implementing state management with Redux** and optimizing rendering workflows, ensuring smooth operation for concurrent users.

Technical Skills

- **Languages:** JavaScript, Python, TypeScript, Java, SQL, HTML, CSS
- **Frameworks:** ReactJS, Next Js, Node.js, ExpressJS, FastAPI, Flask,VueJs
- **Tools:** Git,GitHub,Tailwind CSS,MySQL, MongoDB, SQLAlchemy, pydantic,,Canva ,Webflow ,Excel,GCP
- **Other Skills:** Data Structures & Algorithms, OOPs, Distributed Systems, Agile , Debugging ,Effective Communication

Certifications

- **Data Structures in Python** , Coursera,
- **HackerRank (4 Star Silver Badge)** in Python Programming

Education

University Of North Texas,

2023 – Present

Master's in Information Science's

- Started my masters in infromation science getting to improve my knowledge in my passionate field .

Gitam University, India

2019 – 2024

Bachelor's in Computer Science and Engineering

C.G.P.A: 8.64/10

- Participated in hackathons ,tech clubs and contributed to projects in web development, machine learning, and data science.