

Vaishnavi Bhavsar

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EDUCATION

- Vishwakarma Institute of Information Technology** Pune, India
Bachelor of Technology - Computer Engineering; GPA: 8.90 July 2019 - June 2023
Courses: Operating Systems, Data Structures and Algorithm, Database management system, Object-oriented programming, Computer Networks, Web development

SKILLS SUMMARY

- Languages:** JavaScript, PL/SQL, Java, NoSQL, C++
- Frameworks:** Socket.io, Mongoose, Node.js, Express.js, React.js
- Tools:** Visual Studio Code, GIT, IntelliJ IDEA, Browser DevTools
- Platforms:** GitHub, MySQL/ PostgreSQL, MongoDB Atlas
- Soft Skills:** Problem-Solving and Analytical Thinking, Learning Agility, Time Management

EXPERIENCE

- Sodales Labs India Pvt Ltd** Pune
Associate Software Developer (Full-time) Nov 2023 - Present
 - Database Design & Development:** Working as a backend developer in the Research and Development team, Learned and designed databases for various types of EHS software modules
 - Service Creation & Management:** Created various .xsjs, .xsodata services, and .xsjslib libraries for nearly four modules and 9+ role-based applications, while addressing security concerns in the services.
 - Cloud Application Backend Development:** Developed the backend for in-house applications on Cloud Foundry using Node.js and Express.js, ensuring robust security measures and safeguarding sensitive data within the applications.
- Bajaj Finance Ltd AF** Pune
Data Engineer Intern Oct 2022 - Apr 2023
 - SQL Query Builder Development & Business Data Collaboration:** Built SQL Query Builder software using React.js and Node.js for non-tech clients, facilitating collaboration with business users to fulfill ad-hoc data requirements.
 - ETL Automation:** automated ETL workflows with Pentaho, facilitating seamless data extraction, transformation, and loading processes, optimizing data management efficiency.
- Zebo.ai** Remote
Machine learning intern Jan 2022 - Apr 2022
 - Precision Farming Optimization Project (IBM live project with Zebo.ai):** Utilizing ML and DS, our Precision Farming Optimization project analyzes climate and soil data to forecast optimal conditions for crops, empowering farmers with data-driven insights to maximize productivity and sustainability.

PROJECTS

- Video-Streaming(Integrated into Sarvadnya e-learning App by NSS):**
Technologies used *Node.js(buffers/Streams), FFmpeg, React.js, MongoDB*
 - Developed a high-performance video streaming application using Node.js, Express.js, and FFmpeg.
 - Ensured secure content delivery with token-based authentication and HTTPS.
 - The platform facilitated continuous education for children in rural areas, significantly improving access to educational resources. (Nov' 2022)
- Real-time Chat room:**
Technologies used *Socket.io, React.js, Node.js, Express.js, JSON*
 - Developed a real-time chat room application by model control view architecture.
 - Enabled users to create chat rooms and interact with friends instantly.
 - Implemented a robust server-side architecture with Node.js and Express.js.
 - Managed real-time communication with Socket.io. Provided a responsive and interactive user interface with React.js. (Jan 2023)
- SQL Query Builder(Bajaj. AF):**
Technologies used: *React.js, Node.js, Express.js, CSS, JavaScript, MYSQL.*
 - Developed a user-friendly interface enabling business users to generate SQL queries effortlessly.
 - Allowed users to select desired columns and apply conditions to build queries.
 - Streamlined data sorting processes and enhanced accessibility to critical information.

CERTIFICATION

Data Science (ML) : internship Certificate by Verzeo, IBM -April 2022