

Vinayak Pisolkar

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Skills

Languages: C/C++, Java, Python, JavaScript, TypeScript, SQL

Technologies & Tools: Angular, React.js, Redux Toolkit, Node.js, Express.js, Next, MUI, Git, Postman, Swagger, AWS S3, Lambda, MySQL, PostgreSQL, Google Document AI

Work Experience

TECHOVARYA, Vadodara

June 2024 - Present

Associate Software Engineer

- Designed and implemented scalable backend services using Node.js, Express.js, PostgreSQL, and Sequelize to deliver high-performance RESTful APIs, ensuring efficient communication between frontend and backend layers.
- Led the development of a full-stack product locking system to maintain order-processing integrity. Implemented access control to prevent simultaneous modifications by users from the same organization, significantly reducing operational conflicts.
- Integrated and trained Google Document AI to automate the extraction of structured label data, including product name, LBH dimensions, tracking numbers, and quantities. This significantly reduced manual labeling effort and improved data accuracy in downstream systems.
- Built complex application modules using Redux Toolkit to streamline state management. This contributed to simplified logic, reduced code redundancy, and improved performance across dynamic workflows.
- Worked with cross-functional teams to deliver features, perform code reviews, and support agile delivery.
- React.js, Redux Toolkit, Node.js, Express.js, PostgreSQL, Sequelize, AWS S3, Google Document AI

TECHOVARYA, Vadodara

Dec 2023 - May 2024

Intern

- Built responsive UI modules using Angular and React.js, improving user experience and simplifying workflows.
- Optimized data handling with Sequelize and dynamic SQL within a legacy API structure, enhancing backend performance.
- Automated backend processes using AWS Lambda, improving scalability and reducing manual effort.
- Angular, Typescript, Node.js, Express.js, Swagger, AWS Lambda

Education

The Maharaja Sayajirao University of Baroda Vadodara

Sep 2022 - App 2024

Master of Computer Application

CGPA: 7.9/10

Relevant Coursework: Object Oriented Programming, Databases, Discrete Maths, Data Structures and Algorithms, Operating Systems, Computer Networks, Data Science, Software Engineering

Project Work

- **Shipolog (2024):** Developed Shipolog, a web-based platform that helps online sellers and fulfillment centers manage and improve their business across multiple marketplaces. Designed scalable RESTful APIs, implemented a product-locking system, and integrated Google Document AI to automate label data extraction. Optimized state management using Redux Toolkit, enhancing performance and reducing operational conflicts across order workflows.
- **Cryptoverse (2023):** Developed Cryptoverse, a dynamic React-based web application that provides real-time information on various cryptocurrencies. Integrated third-party APIs to display current market prices, trends, and coin details. Focused on creating a responsive and user-friendly interface for seamless data exploration. Used React.js, REST APIs.

Awards and Certificates

- **Runner-up – Student of the Year 2024**, MCA CSE Department, MSU (The Maharaja Sayajirao University of Baroda)
- **2nd Place (out of 250)**, Code Bravo, APPLIFEST 2023 – Parul University
- **2nd Place (out of 200)**, DBDerby, APPLIFEST 2023 – Parul University
- **3rd Place (out of 100)**, BingoTheMultilingo, GEC Bharuch