

Mohammed Shahabuddin Soharwardi

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EXPERIENCE

Junior Software Consultant

Jun 2024 – Present

Thoughtbot Pvt India

Bangalore, India

- Worked on the development of a secure file transfer SaaS product, enabling encrypted file exchanges between firms and clients, ensuring privacy and security for sensitive documents.
- Contributed to an internal timesheet application, allowing employees to easily register and track their work hours, improving time tracking accuracy and reporting.
- Collaborated with clients to enhance an event management platform, building dashboards for admins to manage class schedules and allowing users to browse and join classes.

Intern - Software Development

Aug 2023 – Sep 2023

Palmtree Infotech

Chennai, India

- Implemented AI/ML language translation models for website translation, enhancing accessibility and user experience.
- Optimized translation model selection based on performance metrics to improve service quality and efficiency.
- Developed services for audio content conversion, allowing easy access to multimedia resources.

PROJECTS

Scalable Chat App | *TypeScript, Node.js, Next.js, Postgres, Socket.io, Redis, Kafka, Docker* Nov 2023 – Present

- Developed a scalable real-time chat platform where users can create and join chat rooms for a instant chat.
- Implemented user authentication and authorization using NextAuth, ensuring secure sign-ups and logins.
- Used PostgreSQL as the primary database for storing user data, messages, and chat room information.
- Leveraged Socket.io for real-time messaging, enabling users to send and receive messages instantaneously.
- Configured Redis adapter for Socket.io to support a multi-server architecture, ensuring scalability and load balancing across servers.
- Integrated Apache Kafka to manage concurrent user connections and ensure data consistency in high-traffic scenarios.
- Containerized the application using Docker, ensuring consistent deployment across environments.

Vershachi-Unlearning | *Python, Git, GitHub Actions, Docker, PyPI*

Dec 2023 – Present

- Led the development of a Python framework for machine unlearning algorithms using the Variational Bayesian Unlearning (VBU) algorithm, ensuring data privacy and model integrity.
- Created utilities for the VBU algorithm to facilitate dynamic data removal in machine learning models.
- Dockerized the project for consistent deployment across platforms.
- Managed the publishing of the framework to PyPI, enabling easy installation and access.
- Automated release workflows with GitHub Actions for streamlined updates.
- Project available on PyPI: `vershachi`

Shopping Cart REST API | *Java, Spring Boot, MySQL, Docker, JWT*

Feb 2024 – Apr 2024

- Developed an eCommerce backend API, fully compliant with REST standards, featuring role-based authentication and authorization.
- Utilized Spring Boot and MySQL for efficient data management, with data models optimized in application.
- Implemented JWT-based security for secure access control for customer and admin roles.
- Containerized the application with Docker, ensuring environment consistency and simplified deployment.

TECHNICAL SKILLS

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

Databases: MySQL, PostgreSQL, MongoDB

Frameworks & Tools: Node.js, Next.js, React, Django, Spring Boot, Docker, AWS, Git

Miscellaneous: Agile development, Open-Source contribution

EDUCATION

Govt. SKSJT Institute

Bangalore, India

Bachelor of Engineering in Computer Science, CGPA-8.71

Dec. 2020 – May. 2024