

Arjit Prajapati

📞 9793643679 ✉ arjitprajapati@gmail.com 🔗 [linkedin.com/arjitprajapati](https://www.linkedin.com/in/arjitprajapati) 🐙 github.com/arjitprajapati

Education

Noida Institute of Engineering And Technology

Bachelor of Science in Computer Science (CGPA: 8.05 / 10.00)

Completed July 2023

Greater Noida, Uttar Pradesh

- **Relevant Coursework:** Data Structures and Algorithms (JAVA), Databases (MYSQL), Frontend (REACTJS), Backend (Spring Boot, PostgreSQL, TimeScaleDB)

Experience

Capgemini

Associate Software Engineer

Jan 2024 – Present

Gurgaon

- Built and maintained reusable and efficient components using React.js, ensuring modularity and maintainability of the codebase.
- Utilized Next.js for server-side rendering and static site generation to improve performance and SEO, contributing to faster load times and better user engagement.
- Worked closely with the design team to translate Figma/Sketch designs into interactive and responsive web pages, ensuring a seamless user experience across various devices and browsers..
- Connected frontend components with RESTful APIs and GraphQL endpoints, leveraging Next.js API routes for serverless functions, resulting in a dynamic and data-driven web application..

Projects

Project Management Dashboard | React.js, GIT,

- To enable seamless navigating between several views and maintain a fluid single-page application (SPA) experience, client-side routing was implemented using React Router.
- Made use of the Context API to manage state globally, allowing state to be shared throughout the application without requiring prop drilling.
- To improve the readability and maintainability of code, custom hooks were created to encapsulate and use functionality across different components.

Expense App | Spring Boot, JPA, Hibernate, Mysql, Spring Security, microservices, docker, CI/CD

- Utilized Spring Boot, JPA, and Hibernate to create a robust backend for efficient data handling and seamless interaction with a MySQL database.
- Integrated Spring Security to enforce authentication and authorization, ensuring data protection and secure access to the application.
- Designed and deployed a scalable microservices architecture using Docker, enhancing the modularity and maintainability of the application.

Alarm Management | Spring Boot, TimescaleDB-PostgreSQL, Swagger UI, Rule Engine

- Developed and deployed a robust alarm management application backend using Spring Boot and TimescaleDB, enabling real-time rule evaluation and alarm generation for sensor data.
- Designed and implemented a scalable database schema in TimescaleDB to efficiently store and manage sensor data, rules, and alarm records, ensuring high performance for time-series data operations.
- Created RESTful APIs for rule configuration and alarm management, allowing seamless integration with front-end applications and external systems.
- Optimized rule evaluation logic to support flexible configurations, such as enabling/disabling rules and grouping alarms by severity or type, improving system usability and responsiveness.

Technical Skills

Languages: Java (SE, EE), Javascript, Python, C

Technologies: ReactJS, Spring Boot, Microservices, JDBC, Docker, CI/CD, MVC NextJs, Bootstrap, Git, Github, MYSQL, PostgreSQL, IntelliJ, Eclipse, VS Code, TimeScaleDB, Swagger UI

Concepts: Compiler, Operating System, Encryption, API, Database Normalization, Cloud Computing, Data structures And Algorithms