

# RUSHIRAJ KUDAPANE

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## Experience

**PTC** July 2023 – Present  
*Software Developer Intern* Pune, India

- Working on the **ThingWorx** platform, focusing on processing real-time data in the **Industrial Internet of Things (IIOT)** domain. Developing a feature to enhance **logging mechanism** of the platform, including:
  - Configuring the **OpenTelemetry Collector** and **OpenTelemetry SDK** for more effective data collection.
  - Developed a **Java Multi-threaded Proof of Concept (POC)** to showcase the platform's capabilities. Overcoming previous limitations, the application, which initially struggled to handle **10,000 logs per second**, showcased a substantial enhancement in both log production and consumption efficiency.
  - Contributed to performance testing of the logging mechanism. Documented and communicated insightful results, highlighting performance disparities in the developer's documentation for enhanced clarity.
- Debugged and Resolved **flaky tests**, impacting improve build stability and minimize failures in the continuous integration process.
- Technologies used: **Java, Servlet, MySQL, Gradle, Apache Tomcat Docker, TestNG, Junit and Jenkins.**

**Sarvmatre International Pvt. Ltd.** Feb 2023 – Apr 2023  
*Full Stack Developer Intern* Jammu, India

- Developed OAuth-based integration for seamless Google and Facebook Authentication, leveraging the power of **Node.js** and **Express.js**. Ensured secure and efficient user authentication, enhancing the platform's overall user experience.
- Developed user-friendly frontend components using Tailwind CSS for a FMCG-based Ecommerce platform. Utilized React.js and implemented micro-frontend architecture to enhance modularity and maintainability.
- Technologies used: **React.js, Micro-frontend, Node.js, Express.js, MongoDB, Tailwind CSS.**

## Education

**Smt. Kashibai Navale College of Engineering** June 2020 – July 2024  
*Bachelor's of Engineering in Computer Engineering; CGPA: 9.1* Pune, Maharashtra

**MAEER'S MIT Jr. College** June 2018 – May 2020  
*XII Class HSC; Percentage: 82.15%* Pune, Maharashtra

## Technical Skills

**Languages:** C++, Java, SQL  
**Web Technologies:** HTML5, Javascript, React.js, Node.js, Express.js, Redux, CSS3, Tailwind CSS, REST API  
**Database:** MySQL, MongoDB  
**Fundamentals:** Data Structures & Algorithms, Object-oriented programming  
**Tools:** Docker, Git, TestNG, JUnit, Postman, Jira, Github, Bitbucket, Jenkins

## Projects

**Expense Tracker** | [Live Link](#) | [Git Repo](#)

- Developed a comprehensive Expense Tracker, empowering users to efficiently manage expenses and income. Implemented feature with integration of voice commands, allowing users to update records effortlessly. Implemented Pie charts using Chart.js to provide visual insights into expense distribution.
- Technologies used: React.js, Redux, CSS3, Chart.js, Speechly.

**Chat Application** | [Git Repo](#)

- Developed a real-time chat application, featuring group chat functionality within chat rooms. Created a user-friendly interface, ensuring an intuitive experience for users engaging in group chat.
- Technologies used: React.js, Node.js, CSS3, Socket.io, MaterialUI.

**User Authentication** | [Git Repo](#)

- Developed key features such as secure user registration, authentication, and seamless logout functionality. Integrated JSON Web Token (JWT) for enhanced security and streamlined user authentication processes.
- Technologies used: Node.js, Express.js, MongoDB, JSON Web Token, Cookie-Parser.

## Extracurricular

- Nominated for the University Zonal Level Project Competition, showcasing excellence in project development.
- Contributed in the HactoberFest 2022 (Open-Source Programme).
- Technical Lead at CodingHub SKNCOE.
- Awarded first prize in Inter-College Photography Contest (DYPCOE)