Vidyasagar Goutam

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Summary

An IIT graduate with 10 years of experience in software development across startups and large enterprises. Currently leading software projects at Jio Platforms Limited with a team of 14 engineers. My expertise in designing scalable systems, defining technical solutions, and delivering high-impact products under tight deadlines. I am passionate about problem-solving, team building, and driving innovation to achieve business goals. I have built products from scratch and assembled teams, witnessed the company's growth from 6 to 500 employees.

Skills

Distributed Systems, System Design, Team Management, Team Building, Python, Django, MySQL, PostgreSQL, MongoDB, Redis, GCP, Azure, Jira, Git

Experience

Jio Platforms Limited (JPL) | Bengaluru, Karnataka
Lead Software Engineer | 04/2022 - Present

- **Led the development and testing** of central backend components, including the **product review and rating system, pricing intelligence, and assortment intelligence**.
- **Spearheaded integration** across JioMart, TIRA, Ajio, and Reliance Digital to ensure seamless functionality and scalability.
- Led a team of diverse talent, **mentored low-performing engineers** to enhance their productivity and aligned project assignments with individual strengths and expertise.
- Defined and executed the **team roadmap**, delegated tasks to **appropriate stakeholders and developers**, and facilitated **daily stand-up meetings** to track progress and ensure alignment with business priorities.
- **Collaborated with cross-functional teams** to identify and resolve dependencies instantly, ensuring seamless project execution and workflow efficiency.
- Implemented a **competitive pricing intelligence tool** by crawling various competitor pricing data and comparing it with RIL business vertical products, providing data-driven **pricing recommendations** to sellers and product owners.
- Managed **high-frequency pricing data** updates during sales events to ensure accurate and competitive pricing.
- Implemented **Agile methodology** to optimize engineering workflows, increasing productivity and operational efficiency.
- Improved pricing strategies with configured rules to enhance market competitiveness and optimize revenue.
- Implemented a **scalable product review & rating system**, integrated across JioMart, TIRA, Ajio, and Reliance Digital.
- Developed robust APIs and microservices to support real-time review aggregation and sentiment analysis.

Happay - Expense Management Solution for Businesses | Bengaluru, Karnataka
Sr. Software Engineer | 07/2019 - 04/2022

- Designed and developed the **TMC Portal, Hotel Booking, Flight Ancillary, Advance, and DA systems**, enhancing booking efficiency by 40% and reducing operational costs by 25% for 500+ businesses. Involved end-to-end implementation, integration with various service providers, expense tracking, policy compliance, and automated workflows for seamless corporate travel management.
- Designed and developed a **microservice for Happay's product localization**, enabling seamless **multi-language support** for a successful global launch.
- Integrated **localization service with web and mobile applications** to show **translated strings based** on the **given locale** or **user configuration**.
- Developed an intuitive **translation management dashboard** to smooth content updates and enhance the availability of translated content.
- Integrated **SOAP APIs** with travel service providers to enable seamless data exchange for corporate flights and hotel bookings.
- Developed an event-driven **notification system** (SMS, Email, Push, WhatsApp) using message queuing protocols, ensuring timely and personalized alerts for travel bookings, workflows, and policy violations. Reduced missed updates by 60%, increased customer engagement by 35% and decreased booking disputes by 40%.
- My contributions include reducing go-live time by 30%, enabling faster feature rollouts and quicker market penetration. I implemented an intelligent log tracker for monitoring booking failures, improving failure resolution time by 35% and enhancing platform stability. I also devised an efficient delegation mechanism for workflow approvals, created a cron

watcher tool for activity logging and analysis, and developed modules for booking ticket and tax invoice generation, further optimizing platform performance and operational visibility.

- Worked **closely with stakeholders**, including product managers, designers, and QA engineers, to gather requirements, provide technical insights, and ensure seamless integration and functionality of the corporate travel booking platform.
- **Mentored and guided** junior developers, fostering their technical growth and supporting them in their project tasks.

Sigrid Education Service Pvt. Ltd | Noida, Uttar Pradesh
Software Engineer | 05/2014 - 06/2019

- Contributed to the development of a **personalized e-learning and online examination management platform** for an Edu-Tech startup, collaborating with top coaching centres like **Bansal Classes** and **Plancess**.
- Built a **marketplace** for subjects and chapter-wise courses, integrated with a comprehensive **test series** for enhanced learning.
- Developed a **nationwide online test series** (Indian Intelligence Test), forming the basis for **career counselling** and providing students with insights for future planning.
- Created **student-level reporting** tools, displaying strengths and weaknesses through **real-time report cards**, and recommending targeted courses to address skill gaps.
- Utilized technologies such as **Python, Django, MySQL, AWS, Redis, Git,** and **PIP** for seamless project execution and delivery.

Education

Indian Institute of Technology (BHU) Varanasi | Varanasi, Uttar Pradesh
B.Tech (Computer Science Engineering) | 05/2014

- 2013 Secured 2nd position, in GOLDBERG'S ALLEY in Technex (Technical Fest of IIT-BHU) Varanasi.
- 2011 Secured 2nd position, in EDITOR'S CUT in Technex (Technical Fest of IIT-BHU) Varanasi.