Yash Patel

Ahmedabad, Gujarat | 8200382475 | yashptel@duck.com | linkedin.com/in/yashptel | github.com/yashptel

PROFESSIONAL EXPERIENCE

Toddle   Nov 2022 – Present
Software Engineer II   *Bengaluru, KA (Remote)*
- Spearheaded a critical project to upgrade the database ID system, transitioning from 32-bit int IDs to 64-bit Int Ids, enabling the organization to expand its operations to accommodate over 256 regions from merely 4 regions. This helped add 85% revenue
- Successfully executed the migration process with zero downtime, ensuring uninterrupted operations for the company. The migration was completed in approximately 10 hours
- I developed a horizontally scaled database architecture that used master-slave database replication and read replica replication for better performance and reliability levels under heavy usage conditions, bringing infrastructure cost down by 25-30%
- Developed a dual-layer authentication system through secure tokens and signed URLs securing CDN content while protecting it from unauthorized access, helping prevent any data leaks
- Setup Row-Level Security (RLS) policies in PostgreSQL that delivered extremely fine-grained access control and enhanced the data privacy by org – based permissions management across the whole platform

FirstCry   Nov 2021 – Nov 2022
Software Engineer   *Pune, MH (Remote)*
- Implemented Redis caching for an existing API, reducing load times by up to 50% and improving performance under heavy traffic
- Developed and optimized a React Native app to enhance customer experience, delivering a responsive and user-friendly interface
- Streamlined mobile workflows by designing intuitive navigation and layouts, improving customer retention and engagement metrics

Improwised Technologies Pvt. Ltd.   Jan 2021 – Oct 2021
Software Engineer   *Rajkot, GJ*
- Developed REST APIs using Go, ensuring efficient and scalable backend services to meet application requirements
- Transitioned Go worker from RabbitMQ to Temporal Workflow, enhancing reliability and ensuring fault-tolerant task execution
- Engineered responsive web applications using Vue.js, delivering an optimized user experience across devices
- Streamlined workflows by integrating Temporal Workflow, improving execution consistency and reducing failure rates

TECHNICAL SKILLS

Programming Languages: JavaScript, TypeScript, HTML, CSS, Go (Golang)
Technologies: Git, Node.js, REST APIs, SQL Databases (Postgres), NoSQL, Serverless, AWS
Frameworks & Libraries: React.js, Express.js, GraphQL

OPEN SOURCE CONTRIBUTIONS

Return Youtube Dislike | *github.com/Anarios/return-youtube-dislike*
- Contributed to an open source project Return Youtube Dislike (4M+ downloads) with an aim to bring back the YouTube dislike counter
- Implemented functionality for injecting the dislike button and count on the website, making it indistinguishable from the original YouTube UI

AWARDS

HackOn Amazon | Top 100 of HackOn with Amazon - Coding Challenge   Nov 2022

EDUCATION

Gujarat Technological University   Sep 2017 – Jun 2021
Bachelor of Engineering in Computer Engineering   *Ahmedabad, GJ*
- GPA: 8.34/10.00