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Top Skills

Java
Project Design
Tailwind CSS

Omkar Sonawane

Software Engineer @Ripples | Backend-Focused Full-Stack |
Node.js, TypeScript, React | Distributed Systems
Bengaluru, Karnataka, India

Summary

I'm a Software Development Engineer with 2+ years of experience building scalable systems, high-performance applications, and real-time features across the MERN + Java ecosystem. With 750+ LeetCode problems solved, I combine strong DSA fundamentals with practical engineering skills to ship reliable, user-centric products.

What I Do

Build scalable backend systems with high accuracy & performance
Optimize applications end-to-end using caching, multithreading & clean architecture
Create fast, intuitive UIs with React, Next.js & real-time integrations
Solve complex engineering problems using strong system-design thinking

Impact Highlights

Improved page performance by 72%, increasing traffic & engagement
Built a real-time rewards engine → 20% increase in redemptions
Reduced report generation time by 50% with scalable admin dashboards
Optimized automation from 14 hrs → 2 hrs using multithreading
Boosted lead generation by 50% with backend + scraping optimizations
Enhanced extraction accuracy by 40% using AI-driven pipelines

What I'm Looking For

SDE-1 opportunities where I can build scalable systems, solve high-impact engineering challenges, and contribute to performance-driven product development.

Always open to opportunities, collaboration, and meaningful technical challenges.

Experience

Ripples

Software Engineer

December 2024 - Present (1 year 2 months)

Bengaluru, Karnataka, India

At Ripples, I led the design and development of scalable systems that directly improved user engagement, partner brand revenue, and operational efficiency.

Key contributions:

- User Rewards Portal: Designed and launched a portal for users to track reward and redemption history, improving transparency and driving a 25% increase in repeat logins.
- Loyalty Program Integration: Engineered a scalable loyalty program that boosted user interaction by 30% and contributed to a 10% uplift in partner brand revenue.
- Survey System: Implemented an in-platform survey module to capture authentic customer insights, enabling brands to refine strategies and improving campaign ROI by 15%.
- Instant Rewards Engine: Built a real-time rewards mechanism, increasing redemption activity by 20% and enhancing user engagement.
- UGC (User-Generated Content) Service: Developed and integrated workflows with Meta's API & permissions system, ensuring compliance and seamless publishing of user-generated content.
- Performance Optimization: Re-architected the Shopify theme app frontend with caching, asset optimization, and lazy loading — improving page performance by 70%, reducing load time by 72%, and increasing user traffic by 30%.
- Scalable Admin Dashboard: Delivered a reporting dashboard that cut report generation time by 50%, empowering data-driven decisions.
- System Design Ownership: Led end-to-end architecture (frontend + backend), ensuring scalability, security, and seamless user experience across all modules.

Crio.Do

Project Engineer

June 2023 - November 2024 (1 year 6 months)

Bengaluru, Karnataka, India

- Optimized Job Listing Script: Spearheaded efforts to reduce job processing time by 85%, cutting it from 12-14 hours to just 1-2 hours through advanced multithreading and significant performance optimizations.

- Captcha Avoidance Strategy: Engineered a human-like random timeout mechanism, reducing captcha-related interruptions by 90%, ensuring seamless automation processes.
- Backend Development: Played a key role in designing and deploying AI-driven backend components, enhancing the accuracy of experience extraction from job descriptions by 40%.
- Frontend Development: Designed and implemented a dynamic job card component with pagination, improving user experience and overall system performance by 30%.
- Boosted Lead Generation Efficiency: Collaboratively refined automation scripts and optimized processes, achieving a 50% increase in lead generation efficiency.

Education

Uttaranchal University

BCA, Computer Science

Cuvette

Full stack engineering, MERN stack · (February 2024 - October 2024)

Relevel by Unacademy

Full Stack Development (MERN), Web Page, Digital/Multimedia and Information Resources Design · (July 2022 - June 2023)