Dishant Rana

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Summary

Senior Software Development Engineer with 4+ years of experience in building scalable applications, optimizing cloud infrastructure, and integrating AI-driven solutions. Proven track record in modularizing legacy systems, improving system reliability, and leading backend initiatives with Node.js, PostgreSQL, cloud-native architecture and modern AI tools (LangChain, LLMs).

Skills

- **Languages**:   JavaScript, TypeScript, Python, HTML, CSS
- **Frameworks**:   NodeJs, ExpressJs, LangChain, FastAPI, Socket.io, ReactJs, Redux, NextJs
- **Cloud & DevOps**: AWS(Lambda, RDS, Aurora, ElastiCache, S3, EC2, ElasticBeanstalk), GCP, Docker, CI/CD
- **Databases**:   PostgreSQL, MongoDB, Amazon Aurora, Redis

Experience

AntWalk – Bangalore, India   **Mar 2023 – Present**
Senior Software Development Engineer   **Mar 2024 – Present**

- Refactored critical modules for improved system scalability, reducing load times by **30%** and boosting platform reliability under high user loads.
- Implemented a Redis-based queue system using **Bull**, **replacing AWS SQS**, improving queue processing performance and reducing task latency by **50%.**
- Built an AI-based Role Play assessment using RAG architecture, boosting **MAU by 30%** and **driving revenue growth**.
- Migrated CI/CD pipelines from CircleCI to Jenkins for backend services, reducing build and deployment costs by **90%** while improving pipeline control and scalability.

Software Development Engineer   **Mar 2023 – Feb 2024**

- Developed a backend service for multi-layered scoring, generating **1,000+ competency reports monthly** and improving system reliability.
- Split the assessment module into a microservice, boosting system performance by **40%** and improving user experience.
- Integrated user management, course delivery, assessment tracking, and reporting modules increasing platform stability and engagement by **25%**.

EzzyLife Inc – Bangalore, India   **Dec 2020 – Feb 2023**
Software Developer

- Led a major initiative to modularize a monolithic payment processing system, improving system maintainability and increasing availability by **50%**.
- Successfully migrated critical services from AWS to GCP, achieving a **30%** cost reduction while maintaining high system availability.
- Designed and implemented secure payment integrations with Stripe, ensuring PCI compliance and reducing payment-related incidents by **70%**
- Developed REST APIs and optimized database queries, improving system throughput by **20%**.

Education

Full Stack Development| Masai School, India   **Dec 2020 – May 2021**

B.Tech in Computer Science | Lovely Professional University, India   **Aug 2016 – Jul 2020**

Projects

LinkedIn Breaker For HRs

- AI-powered tool to find and analyze LinkedIn profiles, leveraging OpenAI APIs for advanced search capabilities.

PDF QA ChatBot

- AI-based chatbot system capable of processing and answering questions about PDF documents