

Subham Dixit

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Summary

Full-Stack JavaScript Engineer with 3 years of experience building real-time, cloud-native web platforms. Specialized in backend engineering with strong proficiency in Node.js, React, and AWS. Proven expertise in API design, scalable system architecture, and integrating AI/LLM workflows.

Skills

- **Languages/Frameworks:** JavaScript, Node.js, Python (Flask), React, HTML, CSS
- **Databases:** Postgres, Redis, MongoDB, MySQL
- **Cloud & DevOps:** AWS Lambda, S3, Docker, CodeBuild, ECR
- **Libraries/Tools:** Firebase, Socket.io, Celery, Langchain, OpenAI, Git
- **Concepts:** REST APIs, Asynchronous Processing, Real-Time Systems, Vector Search, LLM Integration

Experience

Virtually Inc. Remote
Software Engineer Apr 2022 – Dec 2023, Aug 2024 – Present

- Scaled real-time multiplayer experiences by implementing backend with Node.js, Socket.io, and AWS Lambda, supporting 200+ concurrent players across enterprise events.
- Developed robust session, scoring, and moderation APIs using AWS Lambda and Angular-based systems, improving event flow and host accuracy.
- Improved event page load time from 10s to 1.4s by deferring price calculation until user input, replacing pre-rendered options with input-driven logic.
- Solely built the AI Photobooth using Replicate API, and AWS Lambda to support concurrent stylized image generation; integrated into all post-event flows, increasing engagement by 30%.
- Designed and implemented the White Elephant Game from scratch using React and Firebase, powering 50+ interactive corporate events with real-time gift exchange mechanics.

Procurenets Remote
Software Engineer Jan 2024 – May 2024

- Expanded regional content reach by enabling Hindi-language support in LLM-generated articles.
- Boosted semantic discoverability by integrating Zilliz Vector DB for similarity-based content clustering and retrieval.
- Ensured content uniqueness by creating a post-generation API to validate and block duplicate articles in real-time.

Education

Institute of Engineering and Science, IPS Academy Indore, India
B.Tech in Computer Science and IT 2018 – 2022

- CGPA: 8.5 / 10

Achievements

- Ranked in the Top 2% (Rank 439) in CodeChef January Long Challenge 2021
- Finalist in Dare2Compete Recruitables 2021 (Top 6% among 100,000+ applicants)
- 4★ Coder on CodeChef (Rating: 1806)

Links

- **CodeChef:** [codechef.com/users/subham2000](https://www.codechef.com/users/subham2000)
- **Dare2Compete Certificate:** [View Certificate](#)