Sushant Kumar

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🚀 Leetcode 🚀 GFG 🚀 Codeforces 🚀 Portfolio

📚 Education

National Institute Of Technology, Jamshedpur	**Jamshedpur, Jharkhand**
Mechanical Engineering-BTECH(HONS) 8.30 CGPA	**JUN 2019–MAY 2023**
Oxford Public School, Muzaffarpur	**Muzaffarpur, Bihar**
Class XII (CBSE) 89.3 %	**APR 2018 - MAR 2019**

💼 Experience

Misemind Technologies(Full Stack Developer) — **New Delhi, India**

API Management | **MERN+AWS** — **JAN 2023–SEP 2023**

- Architected a scalable API that improved marketplace transactions, enabling seamless data flow between systems; this initiative is now utilized by over **30 partners**, enhancing overall system interoperability.
- Optimized API integrations for marketplace, ATS, and tokenization systems, reducing latency by **15%** through **AWS OpenSearch, Lambda optimization, and DynamoDB indexing**.
- Designed and implemented complex, nested forms by converting Swagger schemas to JSON Schema for RJSF compatibility, increasing form generation speed by **45%**.
- Enhanced security and real-time responsiveness with **AWS Cognito** for authentication and **WebSocket** for instant workflow updates, reducing vulnerabilities by **10%** and latency by **40%**.

RFQ | **MERN+AWS** — **SEP 2023–JAN 2024**

- Automated quote expiration with AWS Lambda and **Redis TTL**, improving processing efficiency by **25%**
- Revamped **UI** based on **Figma designs**, boosting user satisfaction by **30%**.

Marketplace | **MERN+AWS** — **SEP 2023–JAN 2024**

- Built and optimized new APIs, improving response time by **45%** and increasing Marketplace transactions by **5%** through RFQ platform integration
- Integrated RFQ platform in Marketplace
- Centralized and Simplified **configuration management**, cutting setup time by **30%** and improving maintainability across systems

DNI | **MERN** — **JAN 2024–Present**

- Built a scalable insurance app with NestJS, Angular, PostgreSQL, and Redis, achieving **99.9%** uptime, **50%** faster queries, and automating KYC with OCR, reducing manual effort by **20%** for 10,000+ monthly uploads.
- Improved tariff and premium calculations, reducing errors by **20%** and boosting processing speed by **15%**, ensuring compliance with regulations and reliable performance.

📌 Skills

- **Data Structure and Algorithms**
- **Languages:** C++, JavaScript/TypeScript, Java, HTML5, CSS3
- **Frameworks:** ReactJS, Angular, ExpressJS, NestJS
- **Databases:** MongoDB, DynamoDB, PostgreSQL, Redis, OpenSearch
- **Technologies:** Nodejs, AWS, Docker, GraphQL, RabbitMQ, TypeORM, Github, VCS
- **Debugging**

🏆 Achievements

- Rated **Specialist** on Codeforces with a highest rating of 1445
- Among **top 17.23 percent** on Leetcode
- Have **solved 900+ DSA** questions on different coding platforms like Leetcode, GeeksforGeeks, Codeforces, etc
- **GATE Qualified** 2022(CS/IT BRANCH)