SUBHADIP SHEE

Skilled Backend Developer with Expertise in Node.js, TypeScript, and Databases — Proficient in Express.js, Nest.js, Kafka, JWT, and GitHub for Building Scalable Solutions. Kafka, JWT, and GitHub for Building Scalable Solutions

📞 8001906412 ✉ subhadipshee20010521@gmail.com 🔗 linkedin.com/in/subhadip-shee ⌨ github.com/subhadip2111

Education

BSc in Physics   **May 2019 – Apr. 2022**
Tamralipta Mahavidyalaya, Tamluk, West Bengal

Experience

Full Stack Developer   **Mar. 2024 – Present**
M0   *Hyderabad*

- Optimized databases and orchestrated server loads for millions of users, enhancing performance by 40%.
- Implemented an advanced email marketing architecture utilizing Nest, TypeScript, TypeORM, Kafka, Nylas, and Superbase; enhanced database efficiency, orchestrated server loads, and managed millions of campaigns, boosting overall system performance by 40%
- Ensured high throughput using Kafka, implemented debouncing techniques for performance optimization, and utilized Pub/Sub and queue systems for scalability.
- Collaborated with front-end developers to integrate React and Redux, boosting user experience and state management; increased page load speed by 40% and reduced errors by 25%.

Backend Developer   **January. 2023 – March -2024**
Webappssoftware Solution   *Kolkata, West Bengal*

- Developed scalable RESTful APIs with Node.js and Nest.js, focusing on performance optimization and efficient data management.
- Implemented queue systems and debouncing techniques to ensure smooth and responsive backend operations.
- Optimized database queries using MongoDB, MySQL, and TypeORM, ensuring high performance and scalability.

Projects

What's Next Empowering Student Success | *03/2024 - Present*   **Personal SaaS Website**

- Developed a personal SaaS website guiding students with career advice and exam preparation tools. .
- Empowered students to explore scholarships, IIT opportunities, and top college placements. .
- Enhanced user experience with intuitive navigation, real-time updates, and personalized recommendations.
- Collaborated with 20+ educators to design tailored learning modules and part-time teaching opportunities, resulting in a 40% improvement in student engagement.
- Established a platform for students to discover diverse career paths beyond traditional routes.
- GithubLink : https://github.com/subhadip2111/DreamLift.git
- MVP-1 Demo Link: https://dream-lift-git-build-subhadip2111s-projects.vercel.app/

Xmail-campaign microservices | *03/2024 - 06/2024*

* Developed an Email Campaign Marketing solution with high scalability using Nest, TypeScript, TypeORM, and Kafka. .
* Optimized database interactions and server performance to handle millions of emails efficiently.
* - Implemented an advanced email marketing architecture utilizing Nest, TypeScript, TypeORM, Kafka, Nylas, and Superbase; enhanced database efficiency, orchestrated server loads, and managed millions of campaigns, boosting overall system performance by 40%.

Programming Skills

Languages: Node.js, JavaScript, TypeScript
Frameworks: Express.js, Nest.js, React,Next.js
Databases: MongoDB, MySQL, PostgreSQL, TypeORM, Prisma
Tools: Tailwind CSS, Kafka, JWT, Git GitHub, Docker

Languages and Interests

Languages
- **Hindi**: Native or Bilingual Proficiency
- **English**: Professional Working Proficiency
- **Bengali**: Native or Bilingual Proficiency

Interests
- Cricket
- Football
- Music