Nalin Agrawal

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Portfolio | LinkedIn | GitHub | LeetCode | CodeChef | CodeForces

EDUCATION

Indian Institute of Information Technology, Pune   August 2019 - June 2023
Bachelor of Technology in **Computer Science and Engineering**   CGPA: 8.25/10

EXPERIENCE

PUBLICIS SAPIENT | ASDE1   **Gurugram | Jan 2024 – Present**
- Created dynamic web applications using **React.js** and **React-Redux** for frontend development.
- Architected microservices utilizing **Spring Boot** with **Redis** for efficient cache management, and implemented database solutions with **PostgreSQL** and **MongoDB**.
- Deployed applications seamlessly using **AWS** tools such as Lambda, S3, and EC2, ensuring robust performance and scalability.

FLAM | Full Stack Developer   **Bangalore | Aug 2023 – Jan 2024**
- Design and develop microservices in **Nest.js**, leveraging **Redis** for efficient cache management, **MongoDB** for data storage, and **Google Cloud** for blob storage and Python for **Google Cloud Functions**.
- Implement fast and robust queue solutions using **Bull MQ** for various use cases.
- Utilize the **Google Pub/Sub** model for efficient messaging patterns.
- Helped in migration of data from AWS to Google Cloud and updating microservices accordingly.

FLAM | Backend Developer Intern   **Bangalore | Jan 2023 – Aug 2023**
- Developed & maintained **Nest.js** microservices, facilitating server creation and employing **MongoDB** for data storage and Python for **AWS Lambda Functions**.
- Spearheaded the development of an **avatar system** for use in the metaverse.
- Implemented **gRPC** for accelerated communication between microservices.

NUANCE COMMUNICATIONS | Software Intern   **Remote | May 2022 – July 2022**
- **Tech Stack used: React.js, MySQL**
- Designed **web apps** which displays all necessary details about products and services provided by the company and used **React DataGrid** for smooth delivering of many complex tables with React.js.
- Experienced important skills like project life cycle management, work-time management, teamwork and effective communication.

SKILLS

PROGRAMMING LANGUAGES: C, C++, Java, Python, JavaScript, TypeScript, HTML, CSS
LIBRARIES/FRAMEWORKWS: React.js, Node.js, Express.js, Nest.js, SpringBoot, gRPC, Redis, Bootstrap**,** Material-UI
DATABASES: MongoDB, MySQL
COURSE WORK: Data Structures and Algorithms (DSA), Object Oriented Programming (OOPs), Data Base Management System (DBMS), Operating System (OS)

HONORS & AWARDS

- Got AWS Certified Cloud Practitioner Certificate.
- Solved 600+ questions in LeetCode (max rating 1831).
- Knight Badge in LeetCode.
- Achieved rank of 4 Star coder in CodeChef with max rating 1902.
- Achieved Specialist Level on Codeforces with max rating 1513.
- Ranked 355 Participants in Google Kick Start Round H 2022.
- Ranked 715/11074 in LeetCode Biweekly Contest 59.

PROJECTS

BIDDING BASED ECOMMERCE WEBSITE | React.js, Node.js, Express.js, MongoDB, Material-UI
- A **bidding-based ecommerce system** in which customers add their shopping list and all sellers within a local area can bid on it for a time span of **3 hours**.
- By default, the seller with lowest price is shown as the seller for the order.
- It ensures that customers can get the best prices on products.