Nitish Kumar

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OBJECTIVE

Computer Science undergraduate with strong foundations in data structures, algorithms, computer fundamentals and full-stack development (MERN). Experienced in front-end development through industry internship. I am seeking to leverage coding, problem-solving, and collaboration skills in the Google Software Application Development Apprenticeship.

EDUCATION

Nxtwave Disruptive Technologies   **Oct 2022 - Ongoing**
Industry Ready Certification in Full-stack Development,
Artificial Intelligence, Machine Learning Deep Learning,
Data Science

Indian Institute of Information Technology, Design and Manufacturing,   **2022 - 2026**
Kurnool, Andhra Pradesh
B Tech (Bachelor of Technology)_Computer Science Engineering (CSE)
(8.23 CGPA)

Sree Ayyappa Public School, Bokaro Steel City, Jharkhand   **2019 – 2021**
Intermediate_MPC (95.0%)

K.D. International School, Rajdhanwar, Jharkhand   **2017 - 2019**
Secondary School Of Certificate (88.0%)

SKILLS

Frontend: HTML, CSS, Bootstrap, JavaScript, React.js
Backend: Python, Express, Node.js, Spring Boot, Django
Databases: SQLite, SQL
Language: C, C++, Java, JavaScript, Python
Framework/Tools: React.js, Node.js, Express.js, MongoDb, Git, REST APIs, Tailwind CSS,
Core Strengths: Debugging, Object-Oriented Design, Version Control, Problem Solving
Other skills: Data Structures & Algorithms, System Design, Linux, Docker (Containerization), DevOps (Intermediate)

RELEVANT COURSEWORK
- Computer Networking
- Operating Systems (OS)
- Data Structures & Algorithms (DSA)
- System Design
- DBMS

Experience

Frontend Developer Intern
Learn Basics (Division of Lighting Bees Pvt. Ltd.) — May 2025 – Jul 2025
- Developed internal tools to streamline workflows, ensuring clean, maintainable code.
- Collaborated with cross-functional teams on UI/UX improvements and feature development.
- Engaged with stakeholders to translate requirements into scalable solutions.
- Resolved technical issues and ensured high-quality deliverables while exploring new

technologies.

PROJECTS
Nxt Trendz (ECommerce Clone - Amazon, Flipkart) (nexttrendzn.ccbp.tech)
Developed a cutting-edge e-commerce platform inspired by Amazon and Flipkart.
- Built pages for Login, Products, and Product details with React Router, React components, form inputs, and event handlers.
- Enabled secure authentication and authorization with JWT tokens and REST API calls.
- Technologies used: React JS, JS, CSS, Bootstrap, Routing, REST API Calls, Local Storage, JWT
  Token, Authorization, Authentication

Interactive Game (C++ with SFML) (ChessCraft)
Designed and developed a unique, original game concept leveraging SFML for graphics rendering.
- Architected the game using OOP principles—encapsulation, inheritance, and polymorphism—to create extensible and maintainable code modules.
- Implemented core game mechanics and logic using C++ STL data structures (vectors, maps, queues) for efficient state management.
- Incorporated modular design patterns to separate concerns, enabling seamless feature enhancements and debugging.
- Technologies used: C++, SFML, STL (vectors, maps, queues), Object-Oriented Programming, Design Patterns, Git.

Study Notion(link)
This backend is developed using the stack (MongoDB, Express.js, Node.js) and serves as the backbone for the Study Notion EdTech platform.

Key Features:
- User Authentication: Implemented secure user registration and login mechanisms.
- Course Management: APIs to create, update, and delete courses.
- Progress Tracking: Endpoints to monitor student progress within courses.
- Payment Integration: Integrated with Razor pay for processing payments.
- Search Functionality: Allows users to search for courses and lessons.
- Instructor Dashboard: Provides instructors with insights into their courses and earnings.
- Technologies Used: Node.js, Express.js, MongoDB, Razor pays, JWT (JSON Web Tokens), Mongoose: ODM (Object Data Modeling) .

Achievements
- Solved 300+ coding problems on Leet Code in C++ focusing on arrays, trees, and DP.
- Hackathon finalist: Built a career guidance system prototype under 24 hours.
- Active GitHub profile with projects demonstrating end-to-end application design & deployment.