Nilesh Kumar Shukla

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Education

Gautam Buddha University, Greater Noida — August 2020 - May 2024
Bachelor of Technology - Information Technology — **CGPA: 8.34**
Relevant Courses: Data Structures and Algorithms, Database Management, Computer Networks, Operating Systems, **OOPS**

Technical Skills

- **Languages:** SQL, Python, **Java**, C, JavaScript, Golang, TypeScript.
- **Libraries/Frameworks:** React.js, Next.js, Node.js, Express.js.
- **Tools & Technologies:** Git, JIRA, Tableau, Agile Methodology.
- **Databases:** MySQL, MongoDB.
- **Data Skills:** Data Analysis, Data Visualization, Process Improvement, Requirements Analysis.
- **Others:** HTML, CSS, Tailwind CSS, Bootstrap.

Experience

Blockchain Council

Frontend Developer — Remote — Sep 2024 – Dec 2024 — 🔗

- Designed and developed the social media frontend from scratch using **Next.js, TypeScript, and Redux**, integrating backend APIs seamlessly with **Axios**.
- Implemented a **Daily Challenges** feature, allowing users to participate in monthly challenges and upload results in text or image formats, increasing user engagement by 21%.
- Built an **Admin Dashboard** for managing user reports, analyzing data, and evaluating challenge completions using **React.js, Tailwind CSS, and Chart.js**.

VEGFED

Software Developer Intern — Remote — Jan 2024 – June 2024 — 🔗

- Developed and maintained web applications using **React.js, Node.js, and MongoDB**, improving user interaction and backend performance.
- Conducted **API integration** and optimized RESTful services to ensure seamless communication between **frontend and backend**.
- Collaborated with design and product teams to implement responsive UI components using **Tailwind CSS** and **JavaScript**.

DRDO, Ministry of Defence, Govt. of India

Blockchain Research Intern — New Delhi — June 2023 – August 2023 — 🔗

- Worked on **Hyperledger Fabric Based Blockchain Network**, analyzing complex data structures.
- Developed and implemented chaincode using Golang, improving system performance.
- Contributed to **web3 applications development**, focusing on data integrity and security.
- Collaborated to **identify process improvements and optimize workflows**.

Projects

Stumart: Marketplace to sell used items 🔗

- Developed **CRUD APIs** for user management, product listings, and authentication.
- Integrated **OpenAI** to generate product descriptions, enhancing user engagement.
- Implemented **search functionality**, pagination, and **AI-powered filters**.
- Designed a fully **responsive frontend** using Next.js and TailwindCSS.
- **Tech Stack: Next.js 12, Node.js, Express.js, MongoDB, OpenAI, Redux Toolkit, TailwindCSS.**

Cryptoverse 🔗

- Created a **responsive web application** for real-time cryptocurrency analysis and tracking.
- Implemented state management using **Context API** and utilized **Coin-Geko and Microsoft Bing News APIs**.
- Developed interactive charts using Chart.js to visualize complex financial data.
- **Tech Stack: React, JavaScript, Tailwind CSS, Context API, Chart.js, RapidAPI.**

RealState 🔗

- Built a real estate marketplace focusing on data-driven property listings and analytics.
- Implemented advanced sorting and filtering based on location, property type, and other metrics.
- **Tech Stack: React, JavaScript, Tailwind CSS, Axios, Redux.**

Honors and Awards

- Participated in Various Hackathons: Flipkart Grid 5.0, Accenture Innovation Challenge, Coding Ninja - Codekaze, and Code Fellas.
- Awarded a Letter of Recommendation (LOR) from **Defence Research Development Organisation**.
- Completed certifications in Golang, JavaScript, Python (Codedamn), and DSA (Java) from Apna College.
- **Solved 300+ DSA Problems** on different platforms.

Community/Leadership Experience

Google Developer Student Club - Management Lead

- Organized tech conferences including GDSC WOW DELHI NCR and Winterlude, managing events with 1,500+ attendees.
- Led team coordination and resource allocation; **secured sponsorship from leading tech companies**.
- Hosted workshops, seminars, and mentoring sessions for 500+ individuals across various tech fields.
- **Developed strategies to align club activities with industry trends and student needs.**