Nikhil Ranjan

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EDUCATION

Indian Institute of Information Technology, Lucknow   Lucknow, India
Bachelor of Technology in Information Technology; CGPA: 8.05/10   *Dec. 2021 – Present*
- Relevant Coursework   *Data Structures and Algorithms, OOPS, DBMS, Operating System*

TECHNICAL SKILLS

Languages: C/C++, Javascript, Typescript, Python, Cipher
Frameworks: NextJS, ReactJS, NodeJS, ExpressJS, Neo4J(Graph Database), Chakra UI, TailwindCSS
Tools: Git, MongoDB, Firebase, SocketIO, Apace Lucene, JWTs, Vercel, Google Colab, Windows

PROJECTS

Interestify   *NextJS, Typescript, Flask, Neo4j, Scikit-Learn, Apache Lucene, Redis, ChakraUI*
- ∗ Innovative research paper recommendation system based on user interests
- ∗ Efficient data scraping from prominent sources like Springer
- ∗ Utilized machine learning (Scikit-Learn) for article recommendations
- ∗ Implemented Apache Lucene for full text search functionality
- ∗ Enabled bookmarking, liking, and article tracking for users
- ∗ Provided regular email updates to keep users informed and engaged
- ∗ Utilized Graph Database (Neo4j) for managing complex relationships
- ∗ Implemented Redis caching for optimized performance
- ∗ Next.JS and Typescript for a smooth and bug-free user experience

BotX   *Discord.js, React, Node.js, Express.js, MongoDB, Mongoose*
- ∗ Creates an infinitely customizable bot for your Discord Server
- ∗ Involves Discord.js for various bot commands
- ∗ Database managed using MongoDB and Mongoose

Kitabi Keeda   *Node, ExpressJS, MongoDB, Mongoose*
- ∗ An Online Book Store for literature enthusiasts.
- ∗ Template Engine: EJS
- ∗ Payments managed by Stripe.
- ∗ Receipt generation by pdfKit.
- ∗ Multer for file management.
- ∗ Database managed using MongoDB and Mongoose.

ACHIEVEMENTS

- ∗ **Specialist** @ Codeforces   ,Nikhil Ranjan, Codeforces
- ∗ **4*** @ Codechef   Nikhil Ranjan, Codechef
- ∗ **700+** problems, **Knight(2094 Contest Rating)** @ Leetcode   Nikhil Ranjan, Leetcode
- ∗ **Global rank 227** in Codeforces Round 867 (Div 3)   Contest ranklist
- ∗ **Global rank 202** in Codechef Starters 87 (Div 2)   Contest ranklist
- ∗ **Global rank 89 (AIR 7)** out of 22K participants in Leetcode Biweekly 105   Contest ranklist
- ∗ **Global rank 416** out of 32K participants in Leetcode Weekly 348   Contest ranklist
- ∗ **Global rank 823** out of 21K participants in Leetcode Biweekly 99   Contest ranklist
- ∗ **Google Hashcode 2022** : Global Rank 2365

CERTIFICATIONS

- ∗ **Bitcoin for Developers**   Link to Certification
- ∗ **Bitcoin for Everybody**   Link to Certification
- ∗ **Flutter Development**   Link to Certification
- ∗ **Certified Google Cloud Practitioner**
- ∗ **Open Source Contributor @Hacktoberfest 2022**