Rohit Nagar

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🐦 @0xRohit in linkedin.com/in/rohit-nagar-8649aa1a2/ ○ github.com/nagar2817

Experience

Accenture : Internship
Advanced App Engineering Analyst Intern

📅 June 2022 – July 2022   📍 Benglore

- Developed 6+ industries, Metaverse use cases using Nvidia Omniverse
- Implemented **Custom** react **hook** to increase performance to 96% and reduce **client-side rendering** time by 2sec in the existing codebase.
- Utilized Meta **Distributed** system and **automation tools** to implement 1 out of 6 business use cases for the team.
- **Tech Stack :- Metaverse , Blockchain, Web3, Hyperledger**

Projects

Pomodoro Productivity App using NextJs and GraphQL

📅 March 2023 - June 2023 | Self Project | Github⧉

- Developed Full stack Task Management App using Nextjs and Tailwind CSS as **frontend**, GraphQl, Prisma as ORM for PostgreSQL, and Auth0 as **backend**.
- Integrated data visualization libraries such as Chart.js to develop **analytics dashboard** and service workers & other **PWA**(Progressive Web App) features to work offline.
- Integrated Webpack-cli and babel to **reduce server-side rendering up to 0.1sec** and increase **performance by 99%.**
- **Tech Stack :- Nextjs, GraphQL, Prisma, PostgreSQL, Auth0, PWA**

NodeJS Based E-Commerce RESTful API

📅 Apr 2023 – May 2023 | Self Project | Github⧉

- Developed a RESTful API using Node.js, Express.js, and Mongoose as ORM for MongoDB; improved app's **scalability** by 50% and reduced **response time** by 30%.
- Implementing a **handling error** system reduces the 80% error and increases it by 90% debugging time.
- Optimize code and queries, resulting in a 30% increase in **throughput**, handling up to 1000 **RPS** (requests per second).
- **Tech Stack :- NodeJS, ExpressJS, MongoDB**

Real Assets Tokenization

📅 Aug 2022 - Dec 2022 | Self Project | Github⧉

- Developed a blockchain-based solution on the **Ethereum** network using Solidity, Ganache, Truffle Framework, and MetaMask for functionality implementation, resulting in a 30% reduction in development time and improved user experience.
- Implemented comprehensive unit tests using the Mocha testing framework, achieving 95% code coverage to ensure the **reliability** and accuracy of the system, **reducing** the occurrence of **critical bugs** by 80%.
- Leveraged Open Zeppelin smart contract library as the foundation for the crowdsale smart contract, reducing vulnerabilities by 70% and potential exploits by 50%.
- **Tech Stack :- Truffle, Solidity, Ganache, Metamask, Ethereum, ReactJs**

Education

B.Tech. Mechanical Engineering
Indian Institute of Technology, Jodhpur
- **CGPA : 7.04**   ● **2023**

Skills & Dev Tools

- **Proficient :**
  - C ● C++ ● Python ● Javascript
  - SQL ● HTML ● tailwindCSS
- **Familiar :**
  - Solidity ● Web3Js ● Blockchain
  - Deep Learning ● Machine Learning
- **Framework :**
  - ExpressJs ● ReactJs ● NodeJs ● Redux
  - Gatsby ● GraphQL ● NextJs ● Prisma
  - Flask ● Django ● Truffle ● Tensorflow
- **Development Tool :**
  - Linux ● Bash ● Git ● Firebase ● AWS ● Ganache ● Auth0 ● Apollo-Client
- **Databases:**
  - MySQL ● MongoDB ● PostgreSQL

Links & Coding Profiles

- Github ⧉ ● Codeforces ⧉ ● Codechef ⧉
- StackOverflow ⧉ ● Twitter ⧉
- LinkedIn ⧉

Achievements

- Among top 1% percentile of 1.3 million Applicants in **JEE**- 2019
- **4-Star** at **Codechef** and **Pupil** at **Codeforces**
- Having **180+ contributions** on **GIthub**
- Having overall **108k+** Impact Score on **Stackoverflow**

Extracurricular

- Core member of **UX/UI development team Ignus** 2019
- **Rank2** in **Face Painting** in Spandan 2020.

Undergraduate Courses

- Data Structures and Algorithms
- Introduction to Machine Learning
- Introduction To Computer Science
- Linear Algebra
- Scientific Computations
- Calculus and Differential Equations