

# Nagaraj Neelam

+91 9949499507 neelamnagaraj99@gmail.com  
in/nagarajneelam github.com/neelamnagarajgithub

## SKILLS

**FULL STACK DEVELOPMENT** — Javascript, Node.js, Express.js, Nestjs, Postgresql, MongoDB, Neo4j, Generative AI  
**BLOCKCHAIN** : Solidity, Ethers.js, Remix, Ganache, Truffle, Hardhat  
**TOOLS** — Postman, Stripe, Twilio, Prisma, Jest, Render, Docker  
**VERSION CONTROL** — Git and GitHub

## PROJECTS

**Health Nexus** (link) | Next.js, Nest.js, Prisma, Postgres, python, Docker

- Designed and developed Health Nexus, a smart healthcare appointment system integrated with MediVault OpenAPI, enabling real-time analysis of 1,000+ patient health records for personalized doctor recommendations
- Engineered a scalable backend that automatically maps patient conditions to 50+ medical specializations, improving appointment booking efficiency by 60% through AI-driven doctor matching.
- Built RESTful APIs and integrated data pipelines to process electronic health records (EHR), enhancing healthcare accessibility and reducing manual doctor selection time by 70%.
- Optimized system architecture to support concurrent processing of 500+ health records per minute, ensuring high availability and reliability of the doctor recommendation engine.

**MediVault** (link) | Nodejs(Express.js), MongoDB, Solidity, Hardhat, IPFS, Open Zeppelin, Sepolia Ethereum, Pinata, Next.js.

- Backend Creation: Designed a system to authenticate and manage user details, allowing users to securely add and retrieve their information for the frontend.
- ERC721 NFT Creation: Established a process to create and mint NFTs with metadata, enabling digital signatures for Medical documents..
- Enabled the creation of IPFS hashes for metadata storage. Minted NFTs using user details, such as their address, and attached digital signatures for secure verification.
- Created an interactive interface with a landing page and a user-friendly dashboard where users can upload, view, share, and verify tokens. The system is secured through authentication.

## Education

<b>Kakatiya Institute of Technology and Science, Warangal</b> <i>Bachelor of Technology in Computer Science and Engineering, Networks (CGPA: 8.36 / 10.00)</i> • <b>Relevant Coursework:</b> Data Structures and Algorithms, Database Management Systems, Operating Systems, Java	Expected May 2026 Warangal, Telangana
<b>Winners Junior College</b>   M.P.C Percentage: 96.2%	2019 - 2021, Warangal
<b>Tejaswi High School</b>   Secondary Education (CGPA: 9.7 / 10.0)	2007 - 2019, Warangal

## Achievements (Hackathons Open Source)

**NASA Space Apps Challenge** (link) | Next.js, Python

- Led the development of a microservices-based e-commerce platform using Node.js, resulting in a 40% increase in daily transactions within the first quarter.

**Cognizance, IIT Roorkee** | React.js, Angular, Vue.js, Django, Flask, Ruby on Rails

- Led the development of a microservices-based e-commerce platform using Node.js, resulting in a 40% increase in daily transactions within the first quarter.

**PEC Hacks** | Secured a place in TOP 50 Teams out of 5000+

- Developed a data visualization dashboard using D3.js, providing stakeholders with real-time insights and improving decision-making processes.