

Nagaraj Neelam

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Summary: Final-year Computer Science student with proven experience building scalable backend systems, no-code platforms, and decentralized health tech solutions that drive real-world impact.

SKILLS

Programming Languages: C, C++, Java, JavaScript
Frameworks & Databases: React.js, Node.js, Express.js, NestJS, PostgreSQL, MongoDB, Redis
Blockchain: Solidity, Hyperledger Fabric, Ethers.js, Remix, Ganache, Truffle, Hardhat
Tools: Postman, Stripe, Twilio, Prisma, Jest, Render, Docker, Git, GitHub

EXPERIENCE

National Institute of Technology ,Warangal May 2025 - July 2025
Research Intern

- Designed and developed **MediLocker**, a AI-powered decentralized health locker enabling **100+ users** to store medical records in a single Standard EHR format which satisfies HL7 FHIR, ISO 13606, Indian EHR Guidelines, HIPPA, GDPR.
- Implemented IPFS-based storage ,DID-based authentication and Hyperledger Fabric for data provenance, significantly improving data privacy, security and traceability by **95%**with enhanced scalability and audit capabilities.
- Processed an AI-based OCR pipeline to extract text from uploaded medical records and automatically update structured Standard EHR sections, enabling data digitisation and interoperability with **90% extraction accuracy**.

PROJECTS

Baax ([link](#)) ([code](#))| *Nodejs,Python and their 10+ Frameworks and 5+Databases ,Docker*

- Baax accelerated backend setup time by 95%, reducing typical project scaffolding from 3-4 hours to under 5 minutes. It is an Open Source cli tool which has been launched on npm and pip and has **500+ Downloads**.
- Enabled over 10+ frameworks and 5+ databases,docker integrations with clean, production-ready templates.
- Improved developer productivity by 3x, allowing faster MVP launches and seamless enterprise onboarding.

EVault ([link](#)) ([code](#))| *Solidity, Node.js,Next.js, Ethers.js, IPFS, PostgreSQL*

- Developed a platform to securely store and manage 500+ legal documents using IPFS for decentralized storage and Ethereum smart contracts for tamper-proof verification, ensuring 100% data integrity and transparency.
- Integrated DID-based authentication to enable user-controlled access, enhancing security, privacy, compliance.
- Reduced document verification time by 70% with on-chain hash proofs, enabling faster legal workflows and transparent audits.

Buildify – No-Code SaaS Application Builder ([link](#)) ([code](#))| *Nextjs, Tailwind CSS, Supabase*

- Reduced SaaS app development time by 95%, enabling creation in under 30 minutes instead of weeks.
- Launched as a robust platform offering 20+ drag-and-drop components, integrated with Supabase backend for real-time database, authentication, and file storage, enabling users to create scalable SaaS applications.
- Empowered 100+ users to build and deploy their own tools without hiring developers, saving 2-5 lakhs in costs.

Education

Kakatiya Institute of Technology and Science, Warangal	Expected May 2026
<i>Bachelor of Technology in Computer Science and Engineering, Networks (CGPA: 8.33 / 10.00)</i>	Warangal, Telangana
<ul style="list-style-type: none">Relevant Coursework: Data Structures and Algorithms, Database Management Systems, Operating Systems, Java	
Winners Junior College M.P.C Percentage: 96.2%	2019 - 2021, Warangal
Tejaswi High School Secondary Education (CGPA: 9.7 / 10.0)	2007 - 2019, Warangal

Achievements (Hackathons & Open Source)

- Featured as a **Top 50 Finalist** at [DeepDive 1.0](#), among 1600+ participants for Developing Financial Copilot.
- Ranked **3430 out of 4.5 Lakh+** Participants in [TCS Codevita 2024](#).
- Selected as a **Regional Finalist** at the [NASA Space Apps Challenge 2024](#) for Landsat data optimization.
- Pitched **Vitacure** at [IIT Roorkee](#) and also securing a **Top 200 Startup** spot at Techfest IIT Bombay 2025.
- Ranked **#317 out of 27,000+** in [GSSoC 2024](#) with three merged PRs and two backend contributions.
- Secured a **Top 50** position at [PEC Hacks 2024](#) among 5,000+ teams for developing a legal tech platform.