

Deepu A

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Objective

I am a skilled software Engineer specialised in AI based RAG systems , automation and cyber security With 1 year of experience (free lancing included) created and was a part of numerous successful project as well as research deployments.

Experience

- Worked as an intern with Mr.vaishnavu cv principle cyber security engineer at NUVEPRO pvt ltd I built a fully functional RAG system for the companies internal quotations and files which was based on Artificial intelligence. -
- Worked along with INDIAN ARMY developing their internal advanced RAG system for scheduled laws of armed forces which is based on Artificial intelligence and LLM -
- Experience in Cyber security VAPT and security architectural development -
- Helped multiple engineering college teams and masters students in their research project and thesis papers -

Education

- **Calicut University**
Persuing B.S.C computer science

Technical Skills

- Python
- Next js
- Node js
- Html/CSS programming
- Cloud computing
- Quantization (LLM)
- Fine tuning
- Database management
- Security strategist

Personal Skills

- Strong analytical and problem solving skill
Ability to work as both individual and a part of team
Ability to adapt quickly to a work and work environment
Strong research skill for solutions.

Projects

- AI based ZTNA security framework
- IPFS based block chain solution (patent work at beginning stage)
- Zero-knowledge proof based authentication system
- AI based polymorphic firewall
- RAG system for all format files
- RAG system for generative AI
- LLM based soc system