

# SUJIT NIRMAL

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## Technical Skills

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**Languages and Frameworks:** Python, C++, JavaScript, HTML5, CSS ,UI5 , C++, React.js ,Flask , node.js

**Frontend:** ReactJS, HTML5, CSS3, Bootstrap, D3.js, Google Maps API, OpenStreetMap

**Backend:** REST API , Node.js, Microservices, MVC Architecture

**Databases:** SQL, Firebase

**Cloud & DevOps:** Google Cloud, AWS (basics), Docker, Git, GitHub, Vercel, Render, PythonAnywhere

**ML & AI:** Machine Learning, Deep Learning, NLP, Agentic RAG, MLOps, GenAI

**Problem Solving:** Strong DSA fundamentals

## Experience

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### Code for Gov Tech(C4GT)

Aug 2024 – Oct 2024

*Open Source Developer*

*New Delhi, India*

- Contributed to the development of AMRIT, a widely used open-source mobile platform, streamlining code processes to boost overall efficiency by 2% and achieving a 6% reduction in processing time for high-data workloads.
- Enhanced module stability and scalability, leading to a 30% decrease in reported issues, and created user-friendly documentation that facilitated onboarding for new contributors. .
- Developed comprehensive documentation for scalable applications using LLMs, OpenCV, and RAG techniques, enhancing usability for over 200 developers.

### Endure Solutions

Mar 2024 – Aug 2024

*SDE Intern*

*Pune, Maharashtra*

- Developed responsive and user-friendly frontend components with ReactJS, HTML5, CSS3, improving user engagement by 23%.
- Enforced Agile best practices, participated in code reviews, and enhanced team development velocity by 27%.
- Designed and deployed RESTful APIs for business-critical features, increasing platform stability. .
- Delivered multiple high-impact Proofs of Concept (POCs) to demonstrate innovative solutions for real-world business challenges.
- Maintained and enhanced existing applications and Participate in cross-functional team meetings
- Designed, develop, and implemented UI components and Collaborate with UX designers to improve usability

## Projects

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### ArogyaKrishi | *GitHub*

**Live Demo**

- Developed a farmer-focused web app for crop disease detection, soil prediction, and fertilizer guidance using ML.
- Enhanced sustainability by delivering precise, actionable agricultural insights.
- Implemented maps and charts for dashboard feature using D3.js and Google Maps API.

### HarvestConnect | *GitHub*

**Live Demo**

- Full-stack web-app connecting farmers directly with buyers using html5, css3 + Flask + SQL-lite .
- Built a marketplace to connect farmers directly with buyers, ensuring transparency and fair pricing.
- Streamlined produce sales with a clean and intuitive listing interface.

### Rakshak | *GitHub*

**Live Demo**

- Full-stack web-app to classify emails and messages (spam/ham) using ML.
- Improved safety and clarity in digital communication channels.

## Hackathons and Competitions

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- **Data-Thon 2025** – 2nd Place Winner at Datathon 2025 .Successfully developed an end-to-end machine learning model.
- **100x Engineers (GenAI Hackathon)** – Cleared first round, shortlisted for MVP round.
- **Hackspiration by Devfolio** – Among top 30 teams selected from nationwide entries.
- Participated in 5+ offline and several online hackathons, delivering impactful tech solutions.

## Education

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### DY Patil College of Engineering & Research

*Bachelor of Engineering in AI &DS*

*Pune, Maharashtra*