Niranjan C N

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◎ Career Objective

Motivated and detail-oriented Computer Science undergraduate and aspiring Software Engineer with strong problem-solving skills and expertise in algorithms, data structures, and full-stack development. Proficient in Python, C++, Java, JavaScript, and Dart, with practical experience in frameworks like React.js and Flutter. Skilled in building scalable, cross-platform applications and data-driven solutions using Firebase, Firestore, and MongoDB. Passionate about creating practical, impactful tech solutions and continuously enhancing technical knowledge.

🎓 Education

AMC Engineering College, Bangalore, Karnataka
B.E. in Computer Science and Engineering, CGPA: 8.5   2023–2027
Coursework: Data Structures, Operating Systems, DBMS, Theory of Computation, Algorithms, Computer Networks, AI, Software Engineering.

💼 Experience

Software Development Engineer Intern – AeroAspire   *Sep 2025 – Nov 2025*
Worked on React and Flask-based full stack development, comprising Docker and SQLite DB integration.

</> Skills

⌨ **Languages:** C, C++, Java, Python, Dart, JavaScript, HTML, CSS

⚙ **Frameworks & Libraries:** React.js, Flask, Flutter, FastAPI, Node.js

🗄 **Databases:** MySQL, MongoDB, Firestore, SQLite, PostgreSQL

🔧 **Tools:** Git/GitHub, Linux, VS Code, Android Studio, Jupyter Notebook, Postman, Swagger, Docker

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📂 Projects

• IntelliMine – Autonomous Landmine Detection System   🔗

AI-based landmine detection system integrating ML, Flask, and React.
Performs real-time landmine classification using Logistic Regression + PCA with JWT-secured backend and responsive dashboard.

Tech Stack: React, Flask, MongoDB, Scikit-learn, Render, Vercel

• AgriMind – AI Crop & Yield Prediction Platform   🔗

Full-stack AI-driven assistant providing crop and yield recommendations.
Uses soil, weather, and market data for predictive analytics with PostgreSQL and Flask backend.

Tech Stack: React, Flask, scikit-learn, PostgreSQL, Vercel, Render

• VisioNarrate – AI-Powered Storytelling Platform   🔗

Accessible storytelling app for visually impaired users.
GPT-based story generation and narration using FastAPI backend and React frontend.

Tech Stack: React, FastAPI, MongoDB, OpenAI GPT, Docker

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❶ Additional Information

Certifications: The Complete Full-Stack Web Development Bootcamp, The Complete Dart and Flutter Developer Course, The Complete Guide, Data Structures and Algorithms (C, C++)

Interests: Reading tech blogs, micro-projects, open-source, cricket

Languages: English (Proficient), Kannada (Native), Hindi (Intermediate), Telugu (Intermediate)