Satish Kolde

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Education

- **Ramaiah Institute of Technology (RIT)** — Bangalore, India
  B.Tech in Computer Science and Engineering — *Dec 2021 – June 2025*

Experience

- **Software Engineer I** — Jul 2025 – Present
  Zebra Technologies — *Bangalore, India*
  - Developing and maintaining automation frameworks improving testing efficiency and reducing regression time.
  - Collaborated with development teams to identify and resolve product issues before release.

- **Intern - Software Engineer** — Jan 2025 – Jun 2025
  Zebra Technologies — *Bangalore, India*
  - Built automated test scripts for web applications, improving coverage by 25%.
  - Worked with CI/CD pipelines, enhancing deployment reliability.

- **Winner - Smart India Hackathon 2023** — Aug 2023
  Government of India — *National*
  - Led full-stack development of a platform detecting human activity impact via satellite images.
  - Collaborated with ML engineers and backend developers to build scalable solution.

Projects

- **My Parental Control** — 2025
  AI-powered Monitoring System — *Team Project*
  - Developed a parental control application that predicts text context, sentiment, and risk using ML models.
  - Integrated PyTorch models and encoders for real-time analysis of keystrokes and app context.
  - Built FastAPI backend and React-based frontend for real-time monitoring.

- **Pathé** — 2025
  AI/ML-powered Skill Tracker — *Solo Project*
  - Designed and developed a progress tracker where users can log hours, track skill growth, and receive AI-driven insights.
  - Integrated notifications for updates in frameworks/languages relevant to user skills.
  - Implemented scalable backend with FastAPI and modern frontend with Next.js.

Skills

- **Programming:** Java, Python, C, C++, JavaScript

- **Web Development:** HTML, CSS, React, Next.js, Django, MySQL, FastAPI

- **Tools**
  DevOps: Docker, Git/GitHub, CI/CD

- **Core Concepts:** Data Structures
  Algorithms, Software Engineering Principles

Achievements

- Winner, Smart India Hackathon 2023

- Secured performance-based internship and full-time role at Zebra Technologies