A ADARSH

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EDUCATION

Vidyavardhaka College of Engineering   *Mysuru, Karnataka, India*
Bachelor of Engineering in Computer Science and Engineering; CGPA: 8.60   *Aug. 2020 – June 2024*

TECHNICAL SKILLS

Programming Languages: JavaScript, TypeScript, Java, Python
Technologies/Frameworks: React.js, Next.js, Material-UI (MUI), Node.js, FastAPI
Databases: PostgreSQL, MongoDB, ClickHouse, Redis
Developer Tools: Git, GitHub, Confluence, VS Code, IntelliJ, Eclipse

PROFESSIONAL EXPERIENCE

Software Developer   *Aug. 2024 – Present*
Gnani.ai   *Bengaluru, India*

- **Aura365** | GenAI Call QA Analysis Platform
  * Architected and developed scalable backend systems for an enterprise-grade call analysis platform serving large-scale operations.
  * Built robust APIs using **FastAPI**, **SQL databases** and **MongoDB** to handle high-volume call recording uploads and AI-powered analysis workflows, processing thousands of calls daily.
  * Designed efficient data storage and retrieval systems using **ClickHouse** for analytics and **Redis** for caching, reducing query response time

- **Inya Product** | inya.ai
  * Engineered engaging user interfaces leveraging **React.js** and **TypeScript** for the GenVoice product, boosting productivity and insights in AI and custom bot development.
  * Integrated state management using **Redux**, enhancing application scalability and reducing data inconsistencies.
  * Crafted responsive designs with a custom Design System, ensuring consistent branding across devices and increasing user engagement.
  * Devised systems to transform content into embeddings for intelligent responses, enhancing response accuracy.
  * Resolved cross-browser compatibility issues, reducing bug reports.

Software Developer   *Dec. 2023 – July 2024*
Leucine Inc   *Bengaluru, India*

- **FDA Tracker** | fdatracker.ai
  * Architected a robust application that delivered in-depth analysis on critical documents, enhancing workflow efficiency for over **400 pharmaceutical professionals** across **180 domains** within five months of launch.
  * Leveraged advanced AI models to generate detailed reports and actionable insights, cutting manual analysis time.
  * Implemented responsive and interactive UI components using **React.js**, **TypeScript**, and **Bootstrap**.
- **Application Builder**
  * Created an intuitive no-code platform empowering users to build applications from simple descriptions, reducing client development time.
  * Utilized **Large Language Models (LLMs)** to generate detailed workflow steps from high-level descriptions, increasing process accuracy.
  * Devised a system to process user feedback for continuous improvement, enhancing user satisfaction scores.

COMPETITIONS

Intel AI Global Impact Festival   *Aug. 2022*
- Developed a communication system for **Locked-in Syndrome (LIS)** patients using AI technologies, enabling effective communication.
- Recognized as one of the **Top 3 entries from India** in the Student-AI Impact Creators category among over 1,000 entries.

Tech-A-Thon   *June 2022*
- Constructed a web application to clone a person's voice from English to French and Spanish within a 24-hour hackathon, achieving 85% accuracy in voice replication.
- Awarded the **Fourth Prize** among 200 teams and received a lump sum of **25,000**.