

Hari Yadharth Ganesh Chitra

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SUMMARY

Software Engineer with 3+ years of experience designing, building, and optimizing production-grade web applications across healthcare and enterprise domains. Strong expertise in React, Angular, TypeScript, and Node.js, delivering scalable solutions. Experience developing RESTful APIs, integrating databases, and implementing data flows with PostgreSQL and MongoDB.

TECHNICAL SKILLS

- **Programming Languages:** C, C++, JavaScript, TypeScript, Python, SQL, R
- **Frameworks & Libraries:** React.js, Angular, Next.js, Redux, Socket.IO
- **APIs & Backend:** RESTful APIs, GraphQL, Node.js, Express.js
- **AI & ML(Foundational):** LangChain, Retrieval-Augmented Generation, Large Language Models, TensorFlow, PyTorch, NumPy
- **Styling & UI:** Bootstrap, Material UI, Tailwind CSS, SCSS, CSS
- **Databases:** MySQL, MongoDB, PostgreSQL
- **Tools & Platforms:** AWS, GCP, Postman, GitHub, GitLab, Figma, SVN, VS Code, Google Colab, Tableau, JIRA
- **Engineering Practices:** Frontend Development, Backend Development, Agile/Scrum, SDLC, API Design

EDUCATION

University of Maryland, Robert H. Smith School of Business

Master of Science, Information Systems

Aug 2024 - Dec 2025

College Park, MD, USA

Anna University, Dr. Mahalingam College of Engineering and Technology

Bachelor of Engineering, Mechatronics

Aug 2017 - Apr 2021

Pollachi, TN, India

WORK EXPERIENCE

Premier Health Group

Software Developer

Sep 2025 - Present

Washington, DC, USA

- Built and enhanced healthcare web modules using **Angular** and **TypeScript**, leveraging **Angular Material**, **RxJS**, and **custom pipes** to streamline patient and staff workflows, improve form validation, and reduce manual processing errors by **25%**.
- Designed and optimized backend services with **Node.js** and **RESTful APIs**, improving response times, API reliability, and data handling efficiency by **30%**, while ensuring seamless integration with Angular services and reactive data flows.
- Deployed and supported services on **AWS**, enabling scalable, secure, and **HIPAA-compliant** production infrastructure.

Eutech Cybernetic Private Limited

Software Engineer

Mar 2024 - Jul 2024

Chennai, TN, India

- Developed enterprise healthcare features using **Angular** and **React.js**, building reusable UI components with **Angular Material**, implementing complex forms and validations that improved page responsiveness and overall user experience by **20%**.
- Implemented backend logic and **RESTful APIs** with **Node.js**, integrating **PostgreSQL** for transactional data handling and query optimization, improving data retrieval efficiency and backend reliability by **30%** in production systems.
- Debugged and refactored legacy **TypeScript** code, reducing recurring production issues and increasing system stability by **40%**.

Ablelyf

Software Developer

Jan 2024 - Feb 2024

Chennai, TN, India

- Built a real-time movement detection platform using the **MERN stack**, increasing data accessibility and user interaction by **35%**.
- Implemented **Redux** for state management and **Socket.IO** for real-time communication, resulting in a **30%** increase in engagement.
- Optimized backend APIs and frontend rendering, reducing end-to-end latency by **40%** across real-time workflows significantly.

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Software Developer

Jan 2022 - Dec 2023

Chennai, TN, India

- Re-engineered the NODI copy-editing platform using the **MERN stack**, improving UI responsiveness and page load behavior by leveraging **Bootstrap** layouts and **SCSS**-based styling, resulting in a **25%** increase in active user engagement.
- Implemented **Redux**-based state management and modern **React** patterns, reducing unnecessary re-renders, improving component scalability, and enhancing frontend performance by **20%** across core user workflows consistently and reliably.
- Collaborated with product and **UX** teams to deliver iterative enhancements, increasing user retention by **15%**.

PROJECT EXPERIENCE

HealthCare Information System (HIS), Patient Management Platform(Angular, TypeScript, PostgreSQL, RESTful APIs)

- Developed and optimized a patient management system to streamline clinical workflows, increasing end-user satisfaction by **30%**.
- Improved system reliability and performance through PostgreSQL optimization, boosting efficiency by **40%** and reducing errors.

NODI, Web-Based Copy Editing Platform (ReactJS, NodeJS, MongoDB, HTML/CSS, RESTful APIs)

- Engineered a web-based copy-editing platform with grammar-check and formatting features, reducing manual editing time by **30%**.
- Streamlined the content delivery system, increasing user involvement by **25%** and reducing content processing time by **40%**.

CERTIFICATIONS

- **Building AI Agents and Agentic Workflows** — Coursera (IBM) | 2026
- **AWS Cloud Solutions Architect Professional Certificate** — Coursera (AWS) | 2025
- **Full-Stack Web Development** — GUVI (IIT-M Incubated) | 2021