

Hari Yadhark Ganesh Chitra

College Park, MD, USA | (240) 906-4318 | ganeshyadharth@gmail.com | [Linkedin](#) | [Github](#) | [Portfolio](#)

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 <i>Master of Science, Information Systems</i> | Aug 2024 - Dec 2025 College Park, MD, USA |
| Anna University, Dr. Mahalingam College of Engineering and Technology <i>Bachelor of Engineering, Mechatronics</i> | Aug 2017 - Apr 2021 Pollachi, TN, India |

WORK EXPERIENCE

| | |
|--|--|
| Premier Health Group <i>Software Developer</i> | Sep 2025 - Present Washington, DC, USA |
| <ul style="list-style-type: none">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 <i>Software Engineer</i> | Mar 2024 - Jul 2024 Chennai, TN, India |
| <ul style="list-style-type: none">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%. | |
| Ablely <i>Software Developer</i> | Jan 2024 - Feb 2024 Chennai, TN, India |
| <ul style="list-style-type: none">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. | |
| Straive <i>Software Developer</i> | Jan 2022 - Dec 2023 Chennai, TN, India |
| <ul style="list-style-type: none">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) | <ul style="list-style-type: none">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) | <ul style="list-style-type: none">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