Hari Yadharth Ganesh Chitra

College Park, MD, USA | (240) 906-4318 | hgc@umd.edu | Linkedin | Github | Portfolio

SUMMARY

Mid-level software developer with solid expertise in JavaScript, TypeScript, and React for building high-quality web applications. Delivered scalable projects by translating business needs into robust technical solutions utilizing agile methodologies. Experienced in developing new user-facing features, optimizing UI performance, and collaborating with cross-functional teams to drive iterative improvements.

EDUCATION

University of Maryland, Robert H. Smith School of Business **Aug 2024 - Dec 2025**
Master of Science, Information Systems *college Park, MD, USA*

Anna University, Dr. Mahalingam College of Engineering and Technology **Aug 2017 - Apr 2021**
Bachelor of Engineering, Mechatronics *Pollachi, TN, India*

WORK EXPERIENCE

Premier Health Group **Sep 2025 - Present**
Software Developer *Washington, DC, USA*
- Developed scalable healthcare web applications using Angular and JavaScript, effectively translating business requirements into technical solutions while streamlining patient workflows and reducing errors by 25%.
- Enhanced application scalability and reliability by optimizing RESTful APIs and database queries, boosting processing efficiency by 30%.
- Collaborated with Agile cross-functional teams, participating in Scrum ceremonies to deliver secure, HIPAA-compliant applications and increasing user satisfaction by 20%.

Eutech Cybernetic Private Limited **Mar 2024 - Jul 2024**
Software Engineer *Chennai, TN, India*
- Engineered a Healthcare System using Angular, RESTful API, and PostgreSQL under full SDLC processes, achieving a 30% performance improvement and ensuring maintainable, high-quality code.
- Resolved complex issues in a legacy TypeScript codebase by applying effective debugging techniques and sound software design patterns, increasing system reliability by 40%.
- Streamlined workflows in an Agile environment by integrating robust data management features, reducing data entry errors by 25% and supporting iterative feature enhancements.

Ablelyf **Jan 2024 - Feb 2024**
Software Developer *Chennai, TN, India*
- Designed a smart movement-detection application using the MERN stack, leveraging React to develop dynamic user-facing features that improved data accessibility and user interaction by 35%.
- Implemented seamless real-time data visualization powered by Socket.IO, leading to a 30% increase in user engagement.
- Enhanced overall application responsiveness by integrating efficient back-end services with Express.js, reducing latency by 40%.

Straive **Jan 2022 - Dec 2023**
Software Developer *Chennai, TN, India*
- Improved NODI's performance by developing a new iteration using ReactJS and HTML/CSS, increasing user engagement by 25% while building reusable components in line with internal design system principles.
- Optimized system load times and UI responsiveness using Tailwind CSS, resulting in a 20% performance improvement and ensuring adherence to modern front-end development practices.
- Incorporated Material UI components and UX enhancements based on user feedback, driving a 15% increase in user retention and facilitating continuous iterative enhancements.

PROJECT EXPERIENCE

HealthCare Information System (HIS), patient management tool (Angular, Typescript, PostgreSQL, REST API)
- Developed and optimized HIS, significantly improving clinical workflows, leading to a 30% increase in end-user satisfaction.
- Enhanced system reliability and performance using PostgreSQL, boosting overall efficiency by 40% and reducing error rates.

Movement Detection and Visualization Tool, real-time assistive application (ReactJS, NodeJS, MongoDB, Socket.IO, ExpressJS)
- Implemented a real-time movement detection tool for autism students, resulting in a 25% improvement in user interaction.
- Elevated front-end responsiveness and back-end efficiency, leading to a 40% improvement in data processing speed.

NODI, copy-editing tool (ReactJS, NodeJS, MongoDB, HTML/CSS, REST API)
- Engineered a web-based copy-editing tool 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%.

TECHNICAL SKILLS

- **Programming Languages**: C, C++, JavaScript, Typescript, Python, SQL, R
- **Frameworks & Libraries**: ReactJS, Angular, NextJS, NodeJS, ExpressJS, jQuery, Redux, NumPy, Socket.IO, HTML DOM
- **APIs & AI**: REST API, GraphQL, TensorFlow, PyTorch, NumPy, LLMs
- **Styling**: Bootstrap, Material UI, Tailwind CSS, SCSS, CSS
- **Databases**: MySQL, MongoDB, PostgreSQL
- **Tools & Platforms**: AWS, GCP, Postman, GitHub, GitLab, Figma, SVN, VS Code, GoogleColab, Tableau, MS Office, JIRA
- **Development Practices**: Agile Methodologies, Software Development Life Cycle, Technical Troubleshooting
- **Build, Test & Optimization Tools**: Unit Testing, Webpack, NPM, Babel, SEO Optimization, State Management