HARININAYAGI D

FULL - STACK DEVELOPER

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— SUMMARY —

Computer Science and Engineering undergraduate with a strong foundation in React.js and TypeScript development. Specialized in offline-first Progressive Web Applications, WebAssembly, and Web Workers. Experienced in full-stack application development, focusing on building efficient, responsive, and user-focused software.

— EXPERIENCE —

React Web Development Intern Jun 2026 — Jul 2026

Livewire CADD Centre · Salem

- Developed React-based user-interface elements for an e-commerce project — improving results by 20% (replace with your real metric).
- Contributed to backend functionality by implementing payment-gateway features included with Stripe Payment API connection with a verified security within the checkout workflow — improving results by 20% (replace with your real metric).
- Collaborated with cross-functional teams, improved processes and delivered work on schedule.

Python Full-Stack Developer – Virtual Internship May 2026 — Jun 2026

EduSkills

- Completed a virtual internship focused on Python full-stack development.

— EDUCATION —

B.E., Computer Science and Engineering 2024 — Present

Paavai Engineering College, Tamil Nadu · 9.19/10

HSC 2023 — 2024

KPM Hi-Tech MHSS · 93%

SSLC 2021 — 2022

KPM Hi-Tech MHSS · 93%

— SKILLS —

JavaScript · TypeScript · React.js · HTML5 · CSS3 · Responsive UI · Progressive Web Applications · Web Workers · Node.js · Express.js · REST APIs · MongoDB Atlas · Firebase Authentication · GeoJSON · Git · GitHub · Python fundamentals · Communication · Teamwork · Critical Thinking

— PROJECTS —

CiviX AI – AI-Powered Civic Intelligence and Response Platform https://civix-ai-salem-civic-services.ai.studio

- Developed React-based citizen reporting interfaces for submitting civic problems with photographs and location information.
- Integrated Gemini AI-assisted image analysis and YOLOv8-based computer vision into the civic issue identification workflow.
- Implemented geospatial reporting with GPS information, GeoJSON, map visualization and location/category-based duplicate incident detection.
- Integrated frontend workflows with Node.js/Express APIs and MongoDB persistence, alongside Firebase Authentication and Cloudinary storage.
- Shared Github Repo:https://github.com/BharathGV2006/CiviX-AI-Salem

AirGap – Offline-First Academic PWA

- Built an offline-first Progressive Web Application using React, TypeScript and Service Workers, caching application assets and WebAssembly binaries to support offline operation after initial setup.
- Engineered a browser-based document conversion pipeline using WebAssembly and Web Workers, processing files up to 50 MB locally while avoiding main-thread UI freezes.
- Designed a responsive glass morphism interface using Tailwind CSS and Framer Motion, incorporating smooth transitions and application-style interactions.

StudyBuddy AI – Intelligent Study Companion https://github.com/harininayagidhanapal-234/StuddybuddyAI

- Developed a collaborative study application supporting group study sessions, study-group management, resource sharing and user interaction.

- Implemented Firebase Authentication and Realtime Database synchronization to support authentication, live updates and collaborative chat workflows.

— HACKATHONS —

- INTELLATHON '26 – International Hackathon, Perambalur, October 2026.
- Rathinam 24-Hour Hackathon, Coimbatore, August 2026.

— WORKSHOPS —

- Google Technical Camp – AI/ML TechCamp.
- IIT Bombay Spoken Tutorial – HTML Training and Certification.
- Karpagam Institute of Technology – MERN Full-Stack Development Workshop, February 2026.

— LEADERSHIP AND ACTIVITIES —

- Active member of Speakers Clubs.
- Public speaking.
- Literary debate.
- Community volunteering.