

TABITHA KHADSE

Frontend-Focused Full-Stack Developer | PWA & Data Visualization Expert | Healthcare & Climate Tech

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SUMMARY

Innovative frontend-focused full-stack developer passionate about building responsive, accessible, and offline-capable web applications. Proficient in React, Vue.js, REST APIs, and modern browser storage tools. Adept at blending data, design, and engineering to solve real-world challenges, particularly in healthcare and climate domains, with a strong focus on privacy-first UX and open-source contribution.

TECHNICAL SKILLS

- **Languages:** JavaScript, TypeScript, Python, C++, SQL
- **Frontend:** React, Vue.js, HTML, CSS, Tailwind CSS, Chart.js, Three.js, Plotly
- **Backend:** Node.js, REST APIs, Firebase, PostgreSQL, MongoDB, MySQL
- **Cloud & DevOps:** Git, GitHub Actions, CI/CD, AWS, Azure
- **Data Analysis & Healthcare Informatics:** Data Analysis, Trend Identification, Workflow Optimization, Business Intelligence, Performance Metrics, Financial Reporting & Analysis, Data Integrity, SQL, Python
- **Revenue Cycle & Billing Management:** SNF Billing, Radiology Billing, Managed Care, Workers' Compensation, Claims Processing, Denial Management, A/R Follow-Up, Reimbursement Optimization, Billing Audits
- **Coding & Compliance:** ICD-10, CPT, HCPCS, Medical Terminology, Accurate Medical Coding, HIPAA Compliance, CMS Regulations, Payer Policies, Documentation Compliance
- **Software & Systems:** PointClickCare, Imagine V10, Availity, Waystar, Emdeon/Change Healthcare, Microsoft Office Suite (Excel), Payer Portals, Electronic Health Records (EHR) Systems, Billing Software
- **Professional & Interpersonal:** Attention to Detail, Analytical Skills, Problem-Solving, Cross-Functional Collaboration, Effective Communication, Training & Mentoring, Patient Billing & Collections, Insurance Verification & Authorization

PROJECTS

Dashcam Viewer

[Live Demo](#)[Code](#)

A fully offline dashcam player with dual-camera support and calendar-based browsing. Upload dashcam footage, view front and rear feeds side by side, and manage everything locally in your browser.

Skills: JavaScript, IndexedDB, Tailwind CSS, Offline Storage

Pantry Pal

[Live Demo](#)[Code](#)

A smart pantry manager to track inventory, generate recipes based on available ingredients, and auto-build shopping lists with full offline support.

Skills: React (UMD), IndexedDB, Tailwind CSS, Chart.js, API Integration

Family Hub

[Live Demo](#)[Code](#)

A local-first dashboard for organizing family life including meal plans, chores, events, and grocery lists with complete privacy and no accounts required.

Skills: JavaScript, Tailwind CSS, LocalStorage, Offline-First Design

Climate Intelligence Hub

[Live Demo](#)[Code](#)

A climate awareness dashboard that visualizes air quality data, CO₂ trends, and global climate news using public APIs with an educational and data-driven focus.

Skills: JavaScript, HTML5/CSS3, Chart.js, API Aggregation

For more of my projects, visit my Portfolio.

PROFESSIONAL EXPERIENCE

Remote Managed Care Billing Specialist

March 2019 – October 2022

PROVIDENCE HEALTHCARE MANAGEMENT – Ohio, United States (Remote)

- Prepared and submitted medical claims ensuring accuracy and compliance with billing regulations
 - Analyzed billing and denial data to identify patterns, improving claim submission accuracy
 - Managed denied claims by preparing appeals and documentation, improving claim approvals
 - Collaborated with teams to resolve billing issues and implement process improvements
 - Utilized Excel for analysis of large claim datasets and generated performance reports
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Medical Billing Specialist

May 2017 – October 2022

RICHTER HEALTHCARE CONSULTANTS – Twinsburg, OH (Remote)

- Researched and resolved complex claim and billing issues
 - Verified patient insurance benefits and obtained service authorizations
 - Reviewed and prepared claims with accurate medical coding (ICD-10, CPT)
 - Trained new staff on denial management and claims processing procedures
 - Identified Revenue Cycle Management (RCM) trends and implemented improvements to denial resolution processes
 - Ensured strict adherence to HIPAA compliance and enhanced documentation accuracy, maintaining high standards of data integrity
 - Streamlined administrative workflows, reducing rework and improving claim approval rates through meticulous process analysis
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Accounts Receivable & Medical Billing Specialist

June 2015 – May 2017

MSN HEALTHCARE SOLUTIONS LLC – Lorain, OH (Remote)

- Managed radiology billing operations across multiple states including claims and appeals
 - Utilized Excel to analyze denial trends, reducing outstanding accounts
 - Handled patient billing and collections, establishing payment plans
 - Developed SOPs for insurance portal navigation improving workflow efficiency
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EDUCATION

M.S. Information Technology

Expected Oct 2025 | **GPA: 4.0**

University of the People

- **Capstone:** Real-world project in healthcare, AI, or accessibility.

- **Relevant Coursework:** Algorithms, Operating Systems, HCI, Cybersecurity, Machine Learning.
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B.S. Computer Science

Dec 2023 | **GPA: 3.59**

University of the People

- **Key Topics:** Web Development, Artificial Intelligence, Mobile Applications, Data Structures, Security.

CERTIFICATIONS

Web & Front-End Development

- Intro to Front-End Development (Meta)
- Full-Stack Web Development Bootcamp (Udemy)

Cloud & AI

- Generative AI, Azure OpenAI (Microsoft)
- AI Chatbot with IBM Watson (Coursera)

Data & Analytics

- Data Analysis with Python (freeCodeCamp)
- Data Analytics Essentials (AWS)
- R for Data Science, DevOps (LinkedIn Learning)

Workflow & Productivity

- Workflow Specialist (Asana)

HIGHLIGHTS

- Contributed 160+ GitHub commits in 2025, actively participating in open-source projects.
- Built and deployed 10+ Progressive Web Apps (PWAs) with robust offline functionality using IndexedDB.
- Self-taught developer passionate about creating inclusive and impactful web tools.