

# Shubham Sharma

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## TECHNICAL SKILLS

**Languages & Frameworks:** Java, Python, C#, JavaScript, TypeScript, Angular, React, Node.js, .NET Core, Spring Boot  
**Databases & Tools:** SQL Server, MongoDB, PostgreSQL, Git, Docker, Kubernetes, NPM  
**Cloud & DevOps:** Microsoft Azure (Event Hub, AD B2B/B2C, Web Services, KustoDB, CosmosDB), Azure Functions, CI/CD Pipelines, n8n Workflows  
**Frontend & UI/UX:** HTML5, CSS3, RESTful APIs, Chrome Extensions (Manifest v2/v3), Figma Collaboration  
**Collaboration & Testing:** Postman, Jira, Confluence, React Testing Library, Jest, Unit Testing, Microsoft Teams Integrations

## EXPERIENCE

- Software Engineer**  
*Palm Beach Accountable Care Organization | Azure, SQL, Angular, C#, .NET*

Jan 2023 – Present  
West Palm Beach, FL

  - Cloud & Data Engineering:** Engineered a real-time monitoring dashboard using Azure Event Hub, .NET Core, and Angular, driving a **35% increase in user engagement** as tracked by Microsoft Clarity for patient alerts and ACO actions.
  - Introduced Redis caching to reduce latency, achieving up to 90% improvement in system performance, and optimized API responses generated via stored procedures for faster, more reliable application performance.
  - Frontend & Platform Modernization:** Upgraded Angular v5→v17 and modernized .NET Core APIs, collaborating with UI/UX designers and conducting user interviews to identify pain points and implement new interactive features, improving build performance and system scalability by **25%**.
  - Revamped the Sidekick Chrome Extension by migrating from Manifest v2 to v3 and redesigning the UI/UX in Figma, adding new features and resulting in **150%** adoption growth and a **45%** increase in claim submission efficiency.
  - Automation & Process Optimization:** Redesigned authentication workflows by migrating from Azure AD B2B to B2C and upgrading from adal to msal, cutting IT support tickets by **40%**.
  - Automated anomaly detection of ADT messages across vendors by designing n8n workflows for key metrics tracked in reports, integrated with Microsoft Teams to reduce operational overhead by **60%** and eliminate manual SSRS report checks.
- Software Engineer Intern**  
*Informatica | JavaScript, React, UI/UX, Unit Testing*

June 2022 – Sept 2022  
Redwood City, CA

  - Migrated frontend testing framework from Enzyme to React Testing Library, improving code coverage by **30%** and enhancing test reliability and maintainability.
  - Designed and developed modular, reusable React components, streamlining feature development and improving product usability.
  - Built an automation tool to integrate third-party providers into the web app, enabling seamless data migration across sources.
  - Authored comprehensive documentation for new components, ensuring smooth knowledge transfer and facilitating cross-team collaboration.
- Full Stack Intern**  
*Span Design Organization | React, Node.js, MongoDB*

Aug 2020 – May 2021  
Surat, India

  - Developed full-stack applications for multiple clients using React, Node.js, MongoDB, and SQL, delivering tailored solutions to meet specific business requirements.
  - Collaborated with UX designers to create modern, intuitive interfaces, enhancing user experience and engagement.

## PROJECTS

- Twitter Analytics Platform** | *Python, Flask, NLP, Data Analytics, AWS*

Oct 2021 – Dec 2021

  - Developed a full-stack web app using Twitter API for real-time hashtag and keyword tracking, enabling actionable data insights.
  - Implemented **NLP-based sentiment analysis** achieving over **85% accuracy** in assessing public opinion trends.
  - Containerized application with Docker and deployed on AWS EC2 for scalability and reliability.
- FastCare: Health Management Platform** | *Node.js, React, Firebase, Azure, AI Automation*

Aug 2024 – Present

  - Developed a secure platform for small clinics in India, enabling doctors to manage referrals and access patient records within the network.
  - Built patient-facing features to view past records, book future appointments, and interact with network clinics.
  - Integrated AI-driven workflow automation using Blend AI to streamline follow-up calls, checkups, and visit reminders.
  - Future roadmap includes connecting Ayushman Bharat-supported clinics and automating claims processing for doctors and patients.
  - Applied for **Y Combinator Fall 2024** to scale the platform as a startup.

## EDUCATION

- University of California-Riverside, CA**  
*Master of Science - Computer Science*

Sept 2021 – Dec 2022  
GPA: 3.78/4.00
- Gujarat Technological University, India**  
*Bachelor of Engineering - Computer Science*

June 2016 – Aug 2020  
GPA: 8.89/10