Shubham Sharma

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TECHNICAL SKILLS

Languages & Frameworks: Java, Python, C#, JavaScript, TypeScript, Angular, React, Redux, Node.js, Express, .NET Core, Spring Boot

Databases & Tools: SQL Server, MongoDB, PostgreSQL, Git, Docker, Kubernetes, Jenkins, Webpack, Maven, NPM, Yarn

Cloud & DevOps: Microsoft Azure (Event Hub, AD B2B/B2C, MSAL), 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 — Jan 2023 – Present
Palm Beach Accountable Care Organization | Azure, SQL, Angular, C#, .NET — *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.
- Developed a standardized .NET framework for building ETL pipelines from vendor HL7 feeds via SFTP, featuring robust logging, email alerts for failures, and Windows Service deployment for resilience. This framework streamlined future ETL development, improved maintainability, and boosted productivity across the engineering team.
- **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, addressing user pain points identified during interviews and adding new features. Adoption grew by **150%** and claim submission efficiency increased by **45%**.
- **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 — June 2022 – Sept 2022
Informatica | JavaScript, React, UI/UX, Unit Testing — *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 — Aug 2020 – May 2021
Span Design Organization | React, Node.js, MongoDB — *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 — Sept 2021 – Dec 2022
Master of Science - Computer Science — *GPA: 3.78/4.00*

Gujarat Technological University, India — June 2016 – Aug 2020
Bachelor of Engineering - Computer Science — *GPA: 8.89/10*