

Janhvi Chitnis

Austin, TX, 78628 US
janhvichitnis2@gmail.com

+1 .704.345.5527
www.linkedin.com/in/janhvichitnis

Full-Stack Software Engineer

Drive Enterprise Innovation through Scalable Web Architectures, Generative / Agentic AI Integration, & Intelligent Automation | H-1B TRANSFER READY

Software Engineer with experience building scalable web applications using Angular, Node.js, and cloud-native architecture. Recently led development of an AI chatbot with AWS Bedrock for mortgage platforms. Strong in backend systems, CI/CD, and agile team delivery. Collaborative problem-solver who communicates clearly across disciplines, adapts quickly to shifting priorities, and thrives in fast-paced, innovation-driven environments.

- **Frontend:** Angular, AngularJS, React, TypeScript, JavaScript, HTML5, SCSS, Material UI, Bootstrap, [D3.js](#), Chart.js
- **Backend & APIs:** Node.js, NestJS, .NET, Java, C#, GraphQL, RESTful APIs, Microservices, Serverless (AWS Lambda)
- **Cloud & DevOps:** AWS (Bedrock, DynamoDB, S3, Kendra), Azure, GCP, Docker, Terraform, Kubernetes, Jenkins, Helm
- **AI/ML Tools:** AWS Bedrock, Claude Code, OpenAI, IBM Watson, GitHub Copilot
- **Testing & Monitoring:** Jest, Cypress, Playwright, Mocha, Protractor, Dynatrace, Splunk, Glassbox
- **Databases:** AWS DynamoDB, MongoDB, MySQL, Firebase
- **CI/CD & Tools:** Git, GitHub, CircleCI, Azure DevOps, SonarQube, TeamCity, Octopus Deploy, IntelliJ, VS Code
- **Development Methodologies:** Agile / Scrum, Test-Driven Development (TDD), Continuous Integration / Delivery

Work Experience

ROCKET MORTGAGE LLC, Detroit, MI (Remote)

Software Engineer- Generative AI

September 2024 - July 2025

Led development of Rocket Assist, an AI-powered chatbot embedded across Rocket Mortgage's web applications, leveraging Agentic AI via AWS Bedrock Agents (Claude Sonnet 3.7, OpenAI, IBM Watson, Sierra Chat) to orchestrate multi-model LLM responses for intelligent, real-time customer support.

- Built a modular, cross-browser chatbot widget with secure session handling and real-time banker chat, boosting loan close rates 18% through improved client engagement.
- Accelerated development by leveraging Claude Code and GitHub Copilot for context-aware code generation, cutting delivery estimates by at least 2 days per sprint and reducing overall development time by 20%.

ROCKET MORTGAGE LLC, Detroit, MI (Remote)

Software Engineer - Distributed Systems

July 2021 - August 2024

Developed purchase and refinance web applications on Rocket Mortgage, using NestJS (backend) with microservice architecture, AWS DynamoDB, and Angular with RxJS, TypeScript, and Angular Material (frontend).

- Migrated a legacy mortgage application to a fully modernized platform using an updated tech stack and redesigned workflows, resulting in a 20% increase in client engagement.
- Streamlined CI/CD automation and containerization across Docker, CircleCI, and AWS, enhancing deployment reliability and cutting end-to-end pipeline time by 20 minutes through optimized CircleCI workflows.
- Enabled continuous global website availability by deploying Dynatrace Real User Monitoring and high-frequency Synthetic Monitors, while leading migration from Cypress to Playwright to boost test execution speed and improve pipeline efficiency by 60%.
- Improved SEO, load times, and user experience by boosting Lighthouse scores 40% through best coding practices, strategic use of cache service workers, and elimination of vulnerabilities and render-blocking resources.

COGNIZANT TECHNOLOGY SOLUTIONS, Pune, Maharashtra, India

Software Engineer

June 2016 - June 2019

Oversaw end-to-end development efforts from requirements gathering and system design to final delivery. Developed and deployed 10+ responsive web pages using AngularJS, JavaScript, .NET, jQuery, HTML, CSS, and Bootstrap. Served as a full-stack developer at LPL Financial, delivering key features for the advisor-facing ClientWorks platform and driving a 15% boost in user satisfaction through 20+ targeted UI enhancements.

- Managed migration of a legacy ASP.NET app to Angular, streamlining workflows and reducing client-reported usability issues by 30%.
- Created interactive prototypes, incorporated client feedback, and led end-to-end implementation of calendar views for equities and trades in LPL Financial's portfolio application, enhancing user engagement and usability scores by 25%.

Education

Master of Science (MS), Computer Science, University of North Carolina, Charlotte, NC

Bachelor of Engineering (BE), Electronics and Telecommunication Engineering, University of Pune, Pune, India