

# Janhvi Chitnis

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**Full-Stack Software Engineer | Angular | Typescript/Javascript | Node.js | .NET | Java | H-1B TRANSFER READY**

## Summary

Software Engineer with 7+ years of experience building scalable web applications using Angular, Node.js, and cloud-native architectures. Recently led the development of an AI chatbot with AWS Bedrock (Claude, OpenAI) for mortgage platforms. Strong in backend systems, CI/CD, and agile team delivery.

## Core Competencies

**Frontend:** Angular, AngularJS, React, TypeScript, JavaScript, HTML5, SCSS, Angular Material, Bootstrap

**Backend & APIs:** Node.js, NestJS, .NET, Java, C#, 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 Agents (Claude, OpenAI), IBM Watson, Generative AI chatbots, Claude Code

**Testing & Monitoring:** Jest, Cypress, Playwright, Mocha, Protractor, Dynatrace, Splunk, Glassbox

**Databases:** MongoDB, MySQL, Firebase, AWS DynamoDB

**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

### Software Engineer - Generative AI, Rocket Mortgage LLC

**September 2024 - July 2025**

- Led the development of Rocket Assist, an **AI-powered chatbot** embedded across Rocket Mortgage's web applications, leveraging **Agentic AI and Generative 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 by **18%** through improved **client engagement**.
- Developed end-to-end tests to validate the accuracy and consistency of AI-generated code and chatbot workflows.
- Utilized **Claude Code** and **GitHub Copilot** to accelerate development and generate context-aware code suggestions.

### Software Engineer - Distributed Systems, Rocket Mortgage LLC

**July 2021 - August 2024**

- Developed purchase and refinance **web applications** on the Rocket Mortgage platform 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**.
- Contributed to **CI/CD** automation and containerization using Docker, CircleCI, Azure, and AWS, enabling efficient and reliable development and deployment cycles.
- Implemented **Dynatrace Real User Monitoring (RUM)** for session replay and root cause analysis, along with **Synthetic Monitors** running every 5 seconds across global time zones to ensure continuous website availability.
- Developed a Log Portal Dashboard integrated with the **Splunk API** to automatically retrieve and visualize error logs, reducing manual investigation time for on-call engineers and accelerating root cause analysis of production issues.
- Led the migration of end-to-end tests from **Cypress** to **Playwright**, improving test execution time and enhancing overall pipeline **efficiency** by **60%**.
- Boosted **Lighthouse** scores by **40%**, improving SEO, load times, and user experience.

### Software Engineer - Cognizant Technology Solutions

**June 2016 - June 2019**

- Served as a full-stack developer for LPL Financial, a leading wealth management firm, delivering critical features for their advisor-facing web platform.
- Developed and deployed 10+ responsive web pages using AngularJS, JavaScript, .NET, jQuery, HTML, CSS, and Bootstrap.
- Managed version control, build, and release processes using Git, TeamCity, Octopus Deploy, and IIS Server.
- Led end-to-end development efforts from requirements gathering and system design to final delivery, adhering to Agile methodologies.
- Optimized application performance, resulting in enhanced efficiency for a platform accessed by over 5,000 financial advisors.

## Education

**University of North Carolina - Master of Science | 3.9 GPA**

**August 2019 - May 2021**