

Shravankumar Janawade

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EDUCATION

Northeastern University,

Master of Science in Computer Science

September 2025 – December 2027

Boston, MA

Jain College Of Engineering,

Bachelor of Engineering in Electronics and Communication

August 2019 – July 2023

Belagavi, India

EXPERIENCE

ASSOCIATE SOFTWARE ENGINEER | *TORRY HARRIS INTEGRATION SOLUTIONS* | SEPT 2023 – JULY 2025

- Optimized marketplace performance by 20% through React.js, ShadCN, and Tailwind CSS; led UI migration from Ant Design to ShadCN, improving design consistency and cutting maintenance by 30%.
- Engineered responsive LMS interfaces with React, Material Tailwind, and reusable components; improved scalability and responsiveness, enabling efficient user and batch management for 200+ active users.
- Architected dashboards with Chart.js, enabled real-time chat via Stream API, and developed a custom code editor; launched responsive landing pages that cut notification errors from 10/day to 3/day and reduced processing time per update by 2 seconds.
- Transitioned infrastructure from CRA to Vite and upgraded Tailwind v3→v4, cutting build times by 40%.
- Applied code-splitting, lazy loading, and React patterns (hooks, memoization, virtualization) to reduce load times by 35% and boost responsiveness and Lighthouse scores.

AI INTERN | *INDOSKILLZ AI AND ML INTERNSHIP* | JULY 2022 – SEPT 2022

- Designed preprocessing and feature engineering for a salary prediction model using Python, Pandas, and Matplotlib, improving accuracy by 25% on 50,000+ records.
- Constructed scalable ETL pipelines, leveraging vectorization and efficient I/O operations to accelerate data processing by 15%.
- Strengthened system reliability and model performance by adding error handling, unit testing, and validation checks; fine-tuned algorithms with hyperparameter adjustments and memory-efficient training, achieving 30% higher fault tolerance and 25% faster inference.

PROJECTS

Pro Collab – Task & Team Collaboration Platform

January 2024 – June 2024

- Implemented a collaboration platform for 50+ concurrent users with task management, communication channels, and role-based workflows; improved real-time task visibility for 100+ active tasks.
- Integrated a secure, high-performance backend with Spring Boot, Spring Security, MySQL, MongoDB, and Redis, featuring RESTful APIs and real-time notifications, reducing task update latency by 60%.
- Crafted a responsive frontend using React, TypeScript, ShadCN, and Material UI, connected with Supabase for efficient file management, enabling multi-user collaboration across 10+ teams seamlessly.

Snapgram – Social Media Web App

February 2023 – September 2023

- Created a secure social media platform with authentication, relational data modeling, and REST APIs supporting 10,000+ daily interactions, including posting, commenting, liking, following, and profile management.
- Leveraged Appwrite backend for real-time sync, notifications, and secure authentication while building a responsive React/TypeScript UI with reusable components, cutting API response delays by 30%.
- Applied Bloom filter-based probabilistic caching in Redis and phonetic search algorithms, reducing database load by 50% under high-concurrency conditions and improving query accuracy for millions of records.

TECHNICAL SKILLS

Programming Languages: Java (Core & Advanced), JavaScript, Typescript, C, C++, Python, C#

Frontend Technologies: HTML5, CSS, React, Next.js, ShadCN UI, Tailwind CSS, Bootstrap, Three.js, WebGL, p5.js

Backend Frameworks & Technologies: Spring, Spring Core, Spring boot, Node.js, Django, GraphQL, JDBC

Databases & Remote Storage: MySQL, PostgreSQL, MongoDB, OracleDB, Supabase, Firebase, Appwrite

Cloud and DevOps: AWS, Microsoft Azure, Docker, Jenkins, Kubernetes, Terraform, Ansible.

Tools And Environments: Git, GitHub, GitLab, Jira, Postman, Figma, Unix, Linux (Ubuntu, MintOS, Fedora, Arch)