SHRAVANKUMAR JANAWADE

Master's Student in Computer Science

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SUMMARY

Motivated MSCS student at Khoury College of Computer Sciences with a strong foundation in Data Structures, Algorithms and full-stack web development. Solved 850+ LeetCode problems, demonstrating advanced problem-solving skills. Proficient in React, Java and modern web technologies. Passionate about teaching and mentoring, eager to contribute as a Teaching Assistant.

EXPERIENCE

Associate Software Engineer

Torry Harris Integration Solutions

📅 09/2023 - 07/2025   📍 Bangalore, India

A technology company focused on integration solutions

- Designed and optimized marketplace features using React.js, ShadCN, and Tailwind CSS, improving performance and efficiency by approximately 20%.
- Led migration from Ant Design to ShadCN, enhancing visual consistency and reducing UI maintenance efforts by 30%.
- Built responsive interfaces for a Learning Management System using React and Material Tailwind, streamlining user administration and batch management for over 200 users.
- Developed Pro Collab, a task management system similar to Jira, using Spring Boot, Spring Security, React, and MySQL, enabling secure collaboration for multiple concurrent teams.
- Built interactive dashboards (Chart.js), real-time chat (Stream API), and a custom code editor with autocomplete and sanitization; engineered animated, responsive landing pages, boosting engagement and reducing notification errors by 40%.
- Upgraded project infrastructure from CRA to Vite and Tailwind v3 to v4, cutting build times by 40% and improving developer productivity.
- Optimized frontend bundle size by code-splitting and lazy loading, reducing initial load time by approximately 35% and improving Lighthouse performance scores.
- Enhanced rendering efficiency with React hooks, memoization, and virtualization, improving UI responsiveness for data-heavy components.

Intern

Indoskillz AI and ML Internship   📅 09/2022 - 10/2022   📍 Bangalore, India

An internship focused on AI and Machine Learning

- Collaborated on a team project to build an employee salary prediction model using Python, Pandas, and Matplotlib.
- Gained hands-on experience in data preprocessing, feature engineering, and regression algorithms.
- Improved data pipeline efficiency, boosting data processing rate by 15%.
- Enhanced system reliability by 30% by implementing robust error handling and testing practices.
- Improved data processing speed by 25% through optimizing machine learning algorithms.

Intern

UPskillz   📅 02/2022 - 04/2022   📍 Bangalore, India

Web development Internship

- Learned and applied core web technologies (HTML, CSS, JavaScript, React) through hands-on projects.
- Built a Google Keep–style note-taking app and a Library Management System, focusing on CRUD operations and responsive UI design.
- Gained practical experience in frontend development and project-based problem solving.

EDUCATION

Master of Science – Computer Science

Northeastern University   📅 09/2025 - Present

Bachelor of Engineering - BE in Electronics and Communications Engineering

Jain College of Engineering   📅 08/2019 - 08/2023

SKILLS

Programming Languages & Web Technologies

Java, Python, JavaScript, TypeScript, C++, C, C#, Ruby, HTML, CSS

Frameworks, Libraries & Tools

React, Next.js, Spring, Spring Boot, Django, ASP.NET, ShadCN, Tailwind CSS, React Query, Material UI, Bootstrap, p5.js, Apache Maven

Databases, DevOps & Cloud

MySQL, PostgreSQL, MongoDB, Supabase, Docker, Ansible, Kubernetes, AWS, Azure, Appwrite, Firebase

KEY ACHIEVEMENTS

🏅 **Winner – Developthon 2022**
Secured first place in a 36-hour Coding Marathon on rural transformation, organized by Infinity Studio and Deshpande Startups, held from July 11–12, 2022

🎯 **Leetcode Annual Badge**
Received Leetcode Annual Badge of 2023 for questions for 300 days in a year

PROJECTS

Pro Collab

Task & Team Collaboration Platform

- Developed a task and team collaboration platform combining features of Jira and Teams, including task management, notifications, and team communication.
- Built a robust backend with Spring Boot, Spring Security, MongoDB, MySQL, and Redis caching for secure, high-performance operations.
- Designed a responsive, interactive frontend using React, TypeScript, ShadCN, and Material UI, with Supabase integration for file storage and management.
- Implemented RESTful APIs, real-time notifications, and role-based access control, ensuring secure and seamless multi-user collaboration.

Snapgram

Snapgram – Social Media Web App

- Developed a full-fledged social media platform with features including user authentication, posting, commenting, liking, following, and profile management.
- Integrated Appwrite backend for real-time database operations, secure authentication, and notifications.
- Built a responsive, interactive UI using React, TypeScript, and Tailwind CSS with reusable components and optimized state management.
- Implemented Bloom filter caching in Redis and phonetic search, improving search efficiency and reducing database load.

MoneyMates

Expense Sharing & Management Platform

- Developed a full-featured expense-sharing platform inspired by Splitwise, enabling group expense tracking, settlements, and detailed reporting.
- Built a scalable Spring Boot backend with MongoDB & MySQL for secure, high-performance finance operations.
- Designed an interactive expense dashboard with analytics, calendar sync, and Supabase-backed file storage, enabling secure multi-user collaboration and financial transparency.