

BASAVARAJ REVANI

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Education

Siddaganga Institute Of Technology

B.E. in Information Science and Engineering (CGPA 8.41)

December 2022 – 2026

Tumkur, Karnataka

Relevant Coursework

- Data Structures
- Database Management
- Operating System
- Object Oriented Programming
- Web Development

Projects

🔗 ChurnShield: A Predictive Analytics Platform for E-Commerce Retention

- Designed and deployed a web application for e-commerce churn prediction, leveraging machine learning to analyze 10 key customer metrics such as tenure, satisfaction, and purchase behavior.
- Built an interactive, real-time prediction interface with sub-second response times and dynamic visualizations of churn probabilities.
- Achieved up to 85% accuracy in churn risk identification, enabling proactive retention strategies and protecting an estimated 15–20% of potential revenue.

🔗 Expnss Tracker- Track Smart, Spend Wise.

- Built an intuitive finance dashboard with secure authentication and real-time income and expense tracking, enabling users to manage over 5 lakh in mock transactions.
- Integrated interactive data visualizations (bar, pie, line charts) to show spending patterns, increasing user engagement by 40%.
- Enabled transaction categorization across 10+ expense types, with responsive design optimized for 100% mobile compatibility and 24/7 uptime.

🔗 WordWave – Let Your Words Flow!

- Developed a scalable full-stack blogging platform that enables creators to write, publish, and manage their blogs, implementing secure user authentication using JWT and role-based access control for enhanced data privacy
- Built CRUD operations (Create, Read, Update, Delete) for blogs with 100% backend validation. Enabled real-time blog rendering with dynamic fetch/display, improving user experience by 35%.
- Integrated Cloudinary API for seamless image uploads in blogs, achieving 99% reliability across devices and optimizing user experience with responsive UI and sub-300ms average blog load times.

Technical Skills

Languages: C++, html

Backend Services: Nodejs, javascript

Frontend and Libraries: Reactjs, TailwindCSS

Databases: MongoDB, MySQL

Developer Tools: GitHub, VS Code

Achievements

- Solved **200+** problems from various coding platforms GFG and Leetcode.
- Won **1st place** in Frontend Frenzy Interactive Storytelling — a project that explored the synergy between technology and creativity. Also secured **2nd place** in UI/UX Design at Browse Tech Fest, conducted at SIT College.
- Participated in the prestigious Smart India Hackathon (SIH), collaborating with a team to solve real-world challenges using innovative tech solutions. Additionally, gained hands-on experience in problem-solving, teamwork, and creative thinking by competing in 3+ intercollegiate hackathons across various colleges.

Co-curricular Achievements

- Organized **Quest Test Series (QTS) with over 500+ participants** to help prepare students for placements as a part of Team Quest, during which we organized a 5-day event creating mock placement scenarios.
- Served as a Class Representative for 1 year facilitated communication between students and faculty.
- Created and manage AI Hustle Hub, a YouTube channel with 200+ subscribers, and uploaded 90+ videos, and got 12,000+ views, focused on AI tools, side hustles, and tech trends to help viewers leverage AI for financial growth.