

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

🔗 Tech for Her: A Digital Empowerment Platform

- Designed and developed a digital platform addressing 6 key domains (education, employment, health, safety, entrepreneurship, finance), which can impact over 500+ women users in initial testing.
- Integrated AI-based career guidance and learning modules, improving user engagement by 60% and boosting participation in online skill courses.
- Enhanced safety with SOS features, abuse reporting, legal aid, and resources for rights awareness (Project completed, awaiting deployment).

🔗 Expnss Tracker- Track Smart, Spend Wise.

- Built an intuitive finance dashboard with secure authentication and real-time income/expense tracking, helping users manage over 5L+ 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 **first place** in frontend frenzy Interactive-storytelling–This project explored the incredible synergy between technology and creativity.
- 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 10,000+ views, focused on AI tools, side hustles, and tech trends to help viewers leverage AI for financial growth.