

Nakul B

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About Me | My Portfolio Website

Fast-learning and motivated software developer with strong coding, teamwork, and time-management skills. Proactive in task organization and workflow planning, with a passion for continuous learning and building efficient software solutions. Seeking opportunities to contribute to impactful real-world projects and grow as a full-stack developer.

Education

Bachelor of Science in Computer Science | BMSIT, Bangalore, Karnataka | Expected Graduation: Aug 2027
GPA: 8.6/10.0 | Relevant Coursework: Data Structures, Algorithms, Databases, Artificial Intelligence

Skills

Programming Languages: C/C++, Java, Python, JavaScript, C#
Web Development: React, Node.js, MERN Stack
Tools & Platforms: Git, GitHub, Android Studio, Unity, Visual Studio Code
Core Computer Science Concepts: Data Structures, Algorithms, Databases, Artificial Intelligence
Package Management: npm
Problem-Solving: Strong analytical and debugging skills

Teamwork & Collaboration: Experience working in cross-functional teams and leading development tasks
Communication: Fluent in English, Hindi, and Kannada with strong written and verbal communication abilities
Adaptability: Quickly learn new technologies and adapt to changing project requirements
Time Management: Efficient at prioritizing tasks and handling deadlines effectively

Projects

Unity 2D Game: 'Swordcraft' | Developed using Unity, C#, Paint | 6 months | [Live](#)

Developed an entire 2D game independently using C#. Handled all aspects including programming, debugging, asset creation, and gameplay design. Created visual assets using Ibis Paint and Paint, using online references for guidance. Gained strong skills in C# scripting, problem-solving, fixing syntax and runtime errors, and improved digital art abilities.

Automated Timetable Generation | MERN Stack | 1 month | [Deployed](#) | [GitHub](#)

Developed a complete web application independently using the MERN stack. Built the frontend in React, backend using Node.js and Express, and used MongoDB for scalable data management. Designed and implemented a backtracking-based algorithm for automated timetable creation. Strengthened full-stack web development skills, including API integration and database handling.

LeetCode Clone | React, Node.js, Go, Redis, RabbitMQ, Docker | Ongoing/2025 | [GitHub](#)

Developing a scalable online coding judge platform inspired by LeetCode, with features for problem management, secure code execution, and result evaluation. Built using a React frontend, Node.js backend, and a Go-based judge service, supported by Redis and RabbitMQ for performance and asynchronous processing. Fully containerized with Docker for modular and production-ready deployment.

Web Application: ERP Application | MERN Stack | 5 months | [Deployed Site](#) | [GitHub Repo](#)

Developed a fully responsive frontend for an enterprise resource planning (ERP) system using React. Worked closely with a 3-member development team to design and implement key features and user interfaces. Utilized Git and GitHub for version control and efficient collaboration throughout the development cycle. Successfully deployed the frontend on Vercel, ensuring fast performance, scalability, and production-grade reliability.

Achievements / Certifications

[LeetCode](#): 100 problems solved.

Google ML crash course: ongoing.

Apna College web dev course on YouTube.

Other Activities - Cricket, football, chess, carrom, reading books, reading about new and interesting science and tech.