BHRIGU KUMAR DEKA

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SKILLS

- **Languages:**   HTML, CSS, JavaScript, Java, C++, Python, PHP, SQL
- **Libraries & Utilities:** React, Tailwind CSS, Next.js, Git, Figma, Lottie Files, Motion.dev
- **Soft Skills:**   User Empathy, Design-Thinking, Problem-Solving, Adaptability

PROJECTS

DimLight | Live | React, Node.js, MongoDB, Express.js, Gemini AI   December 2025

- Designed a sleep analysis platform implementing a weighted scoring algorithm across four factors to deliver actionable personalized insights.
- Built full-stack MERN application with JWT authentication, RESTful API endpoints, MongoDB aggregation pipelines, and rule-based pattern detection engine.
- Deployed backend on Render with response caching strategy reducing Gemini AI API costs by 88% while maintaining sub-2-second average load time.

Archon | GitHub | React, Tailwind CSS, Python   October 2025

- Architected academic policy chatbot integrating 10+ university regulation documents using Retrieval-Augmented Generation to automate student query resolution.
- Developed React frontend with Tailwind components and Python backend, implementing vector embeddings with 200+ query test coverage achieving 91% accuracy.
- Selected as finalist at Smart India Hackathon, top 15 of 450+ teams, validated by 50+ student beta testers reporting 70% reduction in policy clarification time.

WishGrid | GitHub | HTML, CSS, JavaScript, PHP, MySQL   April 2025

- Planned wish list management system with category filtering, completion tracking, and CSV export functionality to solve personal organization and goal-tracking challenges.
- Engineered PHP session-based authentication, MySQL schema with parameterized queries preventing SQL injection, and vanilla JavaScript for dynamic card rendering.
- Delivered production-ready application handling 100+ test entries across 8 categories with 40% faster item retrieval via indexed database queries and optimized DOM updates.

TRAINING

Think Design Prototype – Summer Training on Design Thinking & Figma | Certificate   July 2025

- Completed a 5-week hands-on training in UI/UX, mastering the full-cycle processes including empathy research, wireframing, prototyping, and usability testing.
- Applied structured evaluation frameworks across multiple mini-sprints, strengthening practical problem-solving, user-research interpretation and iteration skills.
- Enhanced design fundamentals such as usability evaluation and fine-tuning, culminating in a polished capstone project displaying strong execution rigor.

CERTIFICATES

- Cloud Computing | NPTEL | Certificate   April 2025
- The Complete JavaScript Course 2024 | Udemy | Certificate   February 2024
- The Bits and Bytes of Computer Networking | Google x Coursera | Certificate   September 2024

CO CURRICULAR ACTIVITIES

- Led a 3-person team in an inter-university 24-hours CTF competition, Republic of Cyber Sentinels, securing a top 5 position through coordinated task division, rapid debugging, and strategic execution.   January 2024
- Assisted in organizing a 3-day cybersecurity event, Symposium 2.0, attended by 3,000+ participants, overseeing crowd management, logistics, and escorting invited industry experts and speakers.   April 2024

EDUCATION

Lovely Professional University   Phagwara, Punjab
Bachelor of Technology in Computer Science Engineering | CGPA: 8.42   Since August 2023

Sankardev Academy Nalbari   Nalbari, Assam
Intermediate | Percentage: 92%   July 2019 – July 2021

Dreamland English School   Mukalmua, Assam
Matriculation | Percentage: 86%   January 2018- March 2019