Bipul Singhaniya

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SKILLS

- **Languages**: C, C++, Python, Java, JavaScript
- **Frameworks & Libraries**: ReactJS, Redux, NodeJS, ExpressJS, HTML, CSS, Bootstrap, Tailwind CSS
- **Tools & Platforms**: MySQL, MongoDB, MongoDB Atlas, Git, GitHub, Figma, Vercel, Render, Postman
- **Core CS Fundamentals**: DBMS, OS, CN, SQL, OOPs, DSA
- **Soft Skills**: Problem-Solving, Quick Learner, Teamwork, Leadership

PROJECTS

LPU Quora – College Q&A Platform | GitHub | Live   Dec'25 - Jan' 26

- Developed a full-stack college Q&A platform to address a **real-world problem** where junior student **face hesitation** in directly interacting with seniors for academic and campus guidance.
- Integrated **JWT-based authentication and authorization** with protected routes and role-based access to ensure secure user interactions.
- Enabled core functionalities including posting questions, **submitting answers, viewing discussions**, and maintaining persistent login sessions.
  Tech Stack : MongoDB, Express.js, React.js, Node.js, Tailwind CSS, MongoDB

UniNotes – College Notes Portal | GitHub | Live   Dec'25 - Jan' 26

- Built a full-stack college notes portal that enables students to access **branch-wise, year-wise, and semester-wise academic notes** through a centralized platform.
- Implemented secure authentication and authorization using JWT along with an **admin management system** to control note uploads and access permissions.
- Designed a responsive and intuitive user interface to ensure smooth navigation and efficient content retrieval, actively used by multiple students for academic reference.
  Tech Stack: React.js, Redux, React Hooks, Tailwind CSS, REST APIs, MongoDB

AlgoJudge – Online Coding Practice Platform | GitHub | Live   Jun'25 - Aug' 25

- Engineered a scalable online coding judge platform inspired by LeetCode, enabling users **to practice data structures** and algorithms, **write code in-browser,** and submit solutions.
- Created a multi-language code execution **environment supporting C++, Java, and JavaScript, integrating** structured problem statements and test case validation.
- Deployed a **responsive, production-ready web application** with optimized builds and **intuitive UI** to ensure smooth navigation and performance.
  Tech Stack : React.js, Redux, React Hooks, Tailwind CSS, REST APIs, MongoDB

TRAINING

Skill Stone | Data Structures and Algorithms (DSA) | Link   Jun' 25 – Jul' 25

- Completed a DSA program emphasizing fundamental concepts and C++ problem-solving techniques.
- **Programmed** a Railway Queue Management System utilizing priority-based logic and efficient sorting and searching algorithms to optimize passenger service flow.
- Explored advanced algorithms and enhanced analytical skills with real-world DSA exercises
  Tech Stack : C++, Data Structures, Algorithms

CERTIFICATES

- Oracle Cloud Infrastructure 2025 Certified Generative AI Professional | Oracle | **Link**   Aug' 25
- Cloud Computing | NPTEL | **Link**   Jul' 25
- SQL | HackerRank | **Link**   Apr' 25

ACHIEVEMENTS

- Secured **1st Place** – "Defend The Kingdom" Hackathon | Infineon Technologies   Mar' 25
- Ranked **Top 5** in the Graphs Coding Contest conducted by AlgoUniversity.   Sep' 25

EDUCATION

Lovely Professional University   Phagwara, Punjab
Bachelor of Technology - Computer Science and Engineering- **CGPA: 8.63**   Aug' 23 – Present

PNK College   Patna, Bihar
Intermediate - **CGPA: 8.0**   Apr' 22 – Mar' 23

Shivam School   Patna, Bihar
Matriculation - **CGPA: 9.0**   Apr' 20 – Mar' 21