Pratik Gautam

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Bengaluru, Karnataka, India

PROJECTS

- **Collaborative Drawing App**   Personal Project
  Real-time Whiteboarding   *Next.js 15, WebSocket, PostgreSQL, Canvas API*
  - **Overview**: A real-time collaborative whiteboarding tool for drawing, shapes, and text.
  - **Features**: Live multi-user collaboration, undo/redo, shape drawing, and text tools.
  - **GitHub**: Repository Link

- **Brainly**   Personal Project
  Content Sharing Platform   *Node.js, JWT, MongoDB, REST APIs*
  - **Overview**: A platform where users can share YouTube, Twitter, and Instagram content securely.
  - **Features**: Authentication with JWT, content categorization, and user-friendly UI.
  - **GitHub**: Repository Link

- **URL Shortener**   Personal Project
  Short Link Service   *Node.js, Express.js, MongoDB*
  - **Overview**: A secure URL shortener with analytics and click tracking.
  - **Features**: User authentication, click statistics, and custom URL aliases.
  - **GitHub**: Repository Link

- **Chat Application**   Personal Project
  Real-time Messaging   *Node.js, WebSocket (ws), React, TypeScript*
  - **Overview**: A WebSocket-based live chat app supporting multiple chat rooms.
  - **Features**: Typing indicators, message timestamps, and secure communication.
  - **GitHub**: Repository Link

- **Image Editor**   Personal Project
  Online Image Processing Tool   *Node.js, ImageKit, MongoDB*
  - **Overview**: An online tool for image editing with background removal and format conversion.
  - **Features**: Supports various filters, real-time processing, and cloud storage integration.
  - **GitHub**: Repository Link

TECHNICAL SKILLS

- **Languages**: JavaScript, TypeScript, C++, Python
- **Frontend**: React, Next.js, TailwindCSS
- **Backend**: Node.js, Express.js, WebSocket (ws)
- **Databases**: MongoDB, PostgreSQL
- **DevOps Tools**: Docker, Git, Turborepo

EXPERIENCE

- **Robotics Club (CORSIT)**   Member
  Competition Host, Workshop Organizer
  - **Role**: Managed competitions, hosted workshops on Arduino, sensors

- **Quizzing Club**   Member
  Quiz Host
  - **Role**: Organized and hosted multiple quiz competitions

EDUCATION

- **B.Tech in AI & DS**   Siddaganga Institute of Technology
  CGPA: 9.3   *Graduation: 2027*

CERTIFICATIONS

- **Data Structures**: Infosys Springboard
- **Operating Systems**: Infosys Springboard (2 Certifications)
- **C++**: CodeChef Certification