

# Bharat Kumar

+91 6376229199 — 231210034@nitdelhi.ac.in — LinkedIn — GitHub — LeetCode

## Education

---

- **National Institute of Technology, Delhi** Aug 2023 – May 2027  
B.Tech in Computer Science and Engineering (CGPA: 8.37/10) Delhi, India

## Technical Skills

---

**Languages:** JavaScript, Python, C++, HTML, CSS

**Web Technologies:** Next.js, React.js, Node.js, Express.js, REST APIs, Tailwind CSS

**Databases:** PostgreSQL, MongoDB, Redis, Supabase

**AI / ML:** Machine Learning, TensorFlow, Random Forest, Logistic Regression, Decision Trees

**Developer Tools:** Git, GitHub, Postman, Firebase, Vercel

**Core CS:** Data Structures and Algorithms, DBMS, Operating Systems, Computer Organization and Architecture, Networking, Network Security

## Projects

---

- **Bharat Docs** <https://bhdocs.in>
  - Designed and developed a documentation and notes management platform for structured knowledge sharing.
  - Implemented a secure backend with firewall protection to mitigate XSS, SQL injection, and bot attacks at early stages.
  - Built a dedicated admin dashboard for managing documents and user content.
  - Deployed scalable infrastructure using modern full-stack technologies.
  - **Tech Stack:** Next.js, JavaScript, Supabase, PostgreSQL, Redis, Node.js, REST APIs, Tailwind CSS, Vercel
  - **GitHub:** [github.com/Bharat346/BharatDocs](https://github.com/Bharat346/BharatDocs)
- **ShareLink**
  - Developed a secure peer-to-peer file sharing platform optimized for nearby Wi-Fi networks.
  - Implemented session-based authentication to ensure secure sender–receiver communication.
  - Enabled chunk-based file transfer with client-side reassembly for reliability and efficiency.
  - **Tech Stack:** React.js, Node.js, Tailwind CSS, WebSockets
  - **GitHub:** [github.com/Bharat346/ShareLink](https://github.com/Bharat346/ShareLink)
- **DNA Decoded**
  - Built a machine learning–powered CLI tool to analyze genomic data from VCF files.
  - Generated personalized health reports based on gene–allele relationships, disease associations, and risk probabilities.
  - Trained and evaluated multiple ML models to improve prediction accuracy.
  - **Tech Stack:** Python, Machine Learning
  - **Models:** Random Forest, Logistic Regression, Decision Tree
  - **GitHub:** [github.com/Bharat346/DNA-Decoded](https://github.com/Bharat346/DNA-Decoded)

## Achievements & Activities

---

- Participated in AI and Robotics Workshop at NIT Delhi (2024).
- National-level participant in Ethical Hacking Competition (2025).
- Secured 1st Position in Hindi Diwas Essay Competition and 2nd in Debate (2025).
- Served as Deputy General Secretary for Hindi Pakhwada, coordinating a two-week institute-wide event.