Harish Kumar

Gender: Male
Address: Sikar, Rajasthan
Computer Science and Engineering (B.Tech)
National Institute Of Technology, Patna

📞 +91-7023727101
✉ harishbisu94@gmail.com
✉ harishkb.ug20.cse@nitp.ac.in
 Github | </> LeetCode | 🌐 Portfolio
in linkedin.com/in/harish-bisu-424512237/

EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage
B.Tech. (CSE)	National Institute of Technology, Patna (2024)	8.05
Senior Secondary	Govt.S.S.S. Tatanwa (Board of Secondary Education, Rajasthan)	86.40 %
Secondary	S.V.M. Sewad Bari (Board of Secondary Education, Rajasthan)	94.17 %

EXPERIENCE

- **Graduate Engineer Trainee CSE**   *11/2024 - Present*
  Rashmi Group – the world's 2nd-largest DIP manufacturer.   Kharagpur, West Bengal(WB), India
  – Working as a Full Stack Engineer developing on-premise software solutions including an IT Ticketing Tool, real-time production tracking system for plant operations, and a Manager Calendar with email alerts for project monitoring.

- **Software Engineer Intern**   *01/2024 - 07/2024*
  Cybermindworks LLP   Guindy,Chennai(TN), India
  – Contributed as a backend engineer to the Blackbucks Hackathon Platform (a platform for placement readiness).
  – Reduced system load by implementing serialization with pg-boss, optimizing heavy tasks for enhanced performance.
  – Achieved an 80% reduction in materialized view refresh time through static data transformation, enhancing system stability. **Features added**:- personalized lesson plan, yearly progress report, and job posts with eligibility criteria.

- **Software Development Engineer Intern**   *05/2023 - 07/2023*
  L.B. Microtechnologies Private Limited   Jaipur,Rajasthan, India
  – Contributed as a Full Stack Engineer intern at Schoollog, where I built and enhanced features using React.js and Chakra, collaborated with the development team in an agile environment, and actively managed code on GitHub.

TECHNICAL PROJECTS

- **HotelWeb || Under the Guidance of Mr. Gopal Krishna || Live** 🔗   *- 01/2023 - 04/2023*
  Streamlined Reservation Management Process with Our User-Friendly Software.
  – **Tools & Technologies Used**:Utilized modern web development technologies (MERN) to build the application : Frontend - ReactJS, Backend - NodeJS, Framework - Express, Database - MongoDB, Code Editor - VS Code, User Authentication- JSON Web Tokens, API Testing- PostMan, Database Visualization- MongoDB Compass
  – **Key Features of Project** : Date Filtering, Location Filtering, Admin Control, Payment Gateway, Category Selection

- **Brain Tumor Detection || Under the Guidance of Dr. Shubhash Chandra, Dr. Anshul**   *- 01/2023 - 04/2023*
  Actively worked on CNN models for Brain Tumor Detection using Brain Scans.
  – **Tools & Technologies Used** : Kaggle Notebook, CNN base models - VGG-16, ResNet50, Custom model(3 Layers)
  – **DataSet**: A set of 3000 MRI Scans from Kaggle - "brain-tumor-detection-mri".Br35H- Brain Tumor Detection 2020 contains two labels: brain tumor and no brain tumor.
  – **Results** : VGG-16 (Accuracy : 92%), ResNet50 (Accuracy : 98%), Custom Model (Accuracy : 98.2%).

RELEVANT COURSEWORK

- Data Structures
- OOPs
- Operating System
- Software Engineering
- DBMS
- Computer Network
- Web Technology
- Machine Learning

TECHNICAL SKILLS

- **Programming & Scripting Languages:** C, C++, Python(NPTEL certified), Java, JavaScript, TypeScript, SQL
- **Development Tools & IDEs:** VSCode, Jupyter, Google Colab, Kaggle, DataGrip, Postman, pgAdmin, GitHub
- **Web & Database Technologies:** HTML, CSS, ReactJS, NodeJS, NestJs, ExpressJs, Fastify, Mikro-orm, knexjs
- **Cloud/Database :** MongoDB Atlas, AWS, mySQL, PostgreSql, Grafana, Amazon Console

ACHIEVEMENTS

- **JEE Mains 2020** Secured rank under top 1.5 percentile   *2020*
- **LeetCode** Solved 500+ DSA questions in past 6 months (highest contest rating : 1562)   *Present*
- **School & Village Topper:** Consistently ranked 1st out of 250 students during both secondary & senior secondary.

CERTIFICATIONS

- Leetcode Certification on Structured Query Language(Solved 43 out of 50 questions, including adv. SQL problem)
- NPTEL Certification on Python Programming Language(silver badge with 87%) & Soft Skills(75%, silver badge)