

BIKASH KUMAR YADAV

Bengaluru, Karnataka - 560066, India

📞 +91-7328085891 ✉ bikashkumaryadav.nitt@gmail.com 🔗 LinkedIn 🐙 GitHub ⚡ LeetCode ⚙️ GFG 📁 Portfolio

EDUCATION

National Institute of Technology, Tiruchirappalli

Master of Computer Applications (MCA) - CGPA : 7.12/10

Aug 2021 – Jun 2024

Tiruchirappalli, Tamil Nadu

Relevant Coursework:

DSA, OOP, DBMS, Operating Systems, Computer Networks, Cloud Computing, Software Engineering Principles, Distributed Technology

TECHNICAL SKILLS

Programming Languages: C++, Java, Python, JavaScript

Web Technologies: HTML, CSS, React.js, Spring Boot, REST API, Microservices

Database Systems: SQL, PostgreSQL, MongoDB

DevOps and API Tools: Git/GitHub, Postman, RESTful APIs

Cloud and Security Tools: AWS, Bash Scripting

OS & Other Tools: Mac, Windows, Linux, Microsoft Office, Latex

Soft Skills: Problem-Solving, Agile (Scrum/Kanban), Debugging, Critical Thinking

EXPERIENCE

Research Intern 🔗 | Machine Learning, Deep Learning, Computer Vision

Jan 2024 - Jun 2024

(Guide: Asst.Prof. Dr.Sindhia Lingaswamy)

NIT Trichy

- Project: AI-Driven Colorectal Cancer Detection Using ML & DL.
- Developed a CNN model using transfer learning, achieving over 90% accuracy in colorectal cancer detection.
- Improved early cancer detection accuracy by 20% using AI-driven techniques.
- Applied advanced image preprocessing, improving model performance by 15%.

PROJECTS

IPL Dashboard Application 🔗 | React JS, Spring Boot, Spring Batch, JPA, AWS

Nov 2024

- Developed an IPL dashboard to analyze team performance with dynamic filters for match history and win/loss ratios.
- Built ETL pipelines using Spring Batch to process Kaggle's 2008–2020 IPL data, optimizing queries with JPA/JPQL.
- Deployed the full-stack application to AWS for scalability and reliability.

Car Rental System 🔗 | React JS, Spring Boot, MySQL, Bootstrap

Aug 2023

- Developed a full-stack car booking system with admin and customer modules.
- Implemented automated booking workflows, driving license verification, and secure payment processing.
- Built REST APIs with Spring Boot and secured the application using Spring Security.

ACHIEVEMENTS

- **GeeksforGeeks:** Max Rating 2190 (5★), Solved **800+** Problems 🔗
- **CodeChef:** Max Rating 2160 (5★) | Elite **5 Star** Coder 🔗
- **LeetCode:** Max Rating 2574 (Level **Guardian**) , Solved **180+** Problems 🔗
- NIMCET 2021 - **AIR 138** | BIT MCA 2021 - **AIR 30**

CERTIFICATIONS

- Certified Software Engineer, **HackerRank** 🔗
- Certified in Java, Python, JavaScript, SQL, React.js, REST API - **HackerRank** 🔗
- GitHub Career Essentials Certified, **GitHub** 🔗
- Agile Project Management Certified, **Atlassian** 🔗

EXTRACURRICULAR ACTIVITIES

- Participated in competitive contests and hackathons to enhance problem-solving and teamwork skills
- Designed and deployed a personal website to showcase my technical skills and projects.
- Contributed to an open-source web project on GitHub by adding a feature and resolving several bugs.

POSITIONS OF RESPONSIBILITY

Coordinator of Event Execution Committee, Version'23:

Mar 2023 - Feb 2024

- As the Event Coordinator for Version'23 at NIT Trichy, led a team to organize 15+ events, boosting participation by 20%.

DECLARATION

- I do hereby declare that all the details furnished above are true to the best of my knowledge and belief.

Note: Highlighted are link to proofs and validation (if required).

(Bikash Kumar Yadav)