Yuvraj Mehta

B.Tech in Computer Science and Engineering
National Institute of Technology, Patna
portfolio.yuvrajmehta.codes ✈
LeetCode   Codeforces   CodeChef   GFG

+91-9334083113
✉ yuvrajmmr.ug23.cs@nitp.ac.in
linkedin/yuvraj
github/yuvraj

Education

Degree	University	Institute	Year	CPI
B.Tech, CSE	NIT Patna	National Institute of Technology, Patna	2023 – 2027	7.68
Intermediate	CBSE	Pragya Bharti Public School, Gaya	2022	88.8%
Matriculation	CBSE	Pragya Bharti Public School, Gaya	2020	91.2%

Experience

- **Robotics Club, NIT Patna** 🌐 *2023 – Present*
  Technical Member
  ◦ Conducted 3+ robotics workshops on design & programming, mentoring peers in technical skills.
  ◦ Built a combat robot (top-4 at Corona '24) and led a 3-member team to design a soccer bot at Tech Fest.
- **Sankalp, NSS NIT Patna** *Jan 2023 – Jun 2023*
  Volunteer Teacher
  ◦ Taught Science to Class 8 students from underprivileged backgrounds, supporting education for 6 months.
  ◦ Designed the Class 8 Science syllabus for Sankalp (AY 2024–25), aligned with standards and learner needs.

Projects

- **BookHive Manager: E-Library Management System** *[Live Demo]*
  Tools: *React.js, Redux, Node.js, Express.js, MongoDB, Tailwind CSS, NodeMailer, JWT* **[Github Repo]**
  ◦ Built a full-stack e-library with role-based access (Admin/User) to streamline workflows.
  ◦ Developed scalable REST APIs for books, PYQs, and borrow/returns, with an automated fine system.
  ◦ Led a 4-member team to deliver interactive admin dashboards using React & Redux Toolkit.
- **SmartStock: Smart Inventory Management System** *Live Demo*
  Tools: *React, Redux, Node.js, Express.js, MongoDB, Tailwind CSS, OpenAI* **[Github Repo]**
  ◦ Built an inventory system with dashboards for Admin, Staff, Manager, including KPIs and audit logs.
  ◦ Integrated order, transport, and finance modules with REST APIs, Cron jobs, and notifications.
  ◦ Applied OpenAI API to deliver AI-powered sales forecasting and inventory predictions, helping managers cut overstocking costs by 15%.

Skills

- **Programming Languages** : C++, Python, HTML, CSS, JavaScript, TypeScript, SQL
- **Technologies** : ReactJS, NextJS, NodeJS, ExpressJS, MongoDB, Tailwind CSS
- **Tools** : Visual Studio Code, Git, GitHub, IntelliJ IDEA, Postman
- **Soft Skills** : Leadership, Teamwork, Communication, Problem-Solving, Mentorship & Teaching
- **Relevant Coursework** : Data Structures & Algorithm, Database Management System, Object Oriented Programming, Computer Networks, Operating System

Achievements

- **Competitive Programming:** Solved **475+** Data Structures and **Algorithms** (DSA) problems.
- **Contest Ratings: 1650+** on LeetCode, **1450+ on CodeChef**, and **1075+ on Codeforces**
- **Best Delegate:** Recognized at NIT Patna MUN (UNSC) for representing Poland.
- **Athletics:** Secured **Bronze Medal** in 50m Hurdles at NIT Patna Intramurals.

Positions of Responsibility

- **Class Representative,** Department of CSE, NIT Patna *Aug 2023 – Jan 2025*
- **Technical Lead,** Robotics Club, NIT Patna *2025 – Present*
- **Sanchar Mitra,** Department of Telecommunications (DoT), Govt. of India *Aug 2025 – Present*
  ◦ Nominated by NIT Patna under DoT's national scheme to conduct awareness drives on telecom fraud prevention, digital safety, and cyber literacy in Bihar.