MANTU KUMAR

Mohali, Punjab

📞 +91 7070341986 ✉ mk642799@gmail.com in Linkedin.com ⬡ github.com/mantu01714 🌐 Portfolio

Career Objective

Aspiring Software Engineer / Full Stack Developer skilled in DSA, MERN stack, and database management. Experienced in building scalable applications, REST APIs, JWT/OAuth2 authentication, and performance optimization. Seeking to contribute technical expertise and teamwork to deliver impactful solutions.

Education

Chandigarh University   **2022 – 2026**
BE in Computer Science and Engineering, CGPA: 7.65   *Mohali, Punjab*

S.N.S College (BSEB)   **2018 – 2020**
Intermediate, 76.8%   *Motihari, Bihar*

Utkrmit Madhymik School (BSEB)   **2017 – 2018**
Matriculation, 63%   *Hiramani, Bihar*

Projects

HireUNex – Job Portal | *React.js, Node.js, Express, MongoDB, Clerk* | *Live Dashboard*   **Feb 2025 - Jun 2025**
- Developed a job portal platform for job listings, applications, and dashboards.
- Improved application tracking efficiency by **30% for 50+ test users.**
- Implemented **role-based authentication with Clerk** and secure **REST APIs**.

interviewUNex–AI Interview Assistant | *Next.js, Supabase, Stripe, OpenRouter* | *Live Dashboard* **Jun 2025 - Sep 2025**
- Built a **credit-based AI interview assistant** with user & admin dashboards.
- Designed **reusable React components**, optimized performance by **25%**.
- Integrated **Stripe for payments** and **Supabase for real-time data storage**.

Jaiswal-Mart - E-Commerce Platform | *Java, Spring Boot, AWS Cloud Services* | *Live Dashboard* **Mar 2024 - Jul 2024**
- Built a **full-stack e-commerce system** with product management, cart, order flow, and secure **user authentication**.
- Integrated **AWS S3** for image storage & **AWS RDS** for **MySQL**, improving scalability and reliability.
- Deployed on **AWS Elastic Beanstalk**, enabling fast, production-ready cloud hosting.

Technical Skills

Programming Languages: C++, Java, JavaScript, SQL
Frontend Development: HTML, CSS, TailwindCSS, React.js, Next.js
Backend Development: Node.js, Express.js, Spring, Spring Boot, REST APIs
Database Management: MongoDB, MySQL, Hibernate ORM
Core CS: Data Structures & Algorithms, DBMS, OOPs
Software Development Practices: Agile Methodology, SDLC, CI/CD, Jenkins
Tools & Platforms: AWS, VS Code, Postman, Version Control

Certifications

- Data Structures and Algorithms – Infosys Springboard. View Credential
- Introduction to Databases – Coursera. View Credential
- Oracle Cloud Infrastructure 2025 Certified Generative AI Professional – Oracle. View Credential
- Software Engineer Intern (HackerRank Certification) – HackerRank. View Credential

Research & Publications

- Sentiment Analysis for NexaCart E-Commerce, co-authored and presented at **ITIDS-2024**, June 2025. [View Paper]
  Explores opinion mining on e-commerce customer feedback to improve product insights and user satisfaction.

Achievements & Extracurricular

Solved 500+ problems on **LeetCode**, improving **algorithms** and **data structures**. [Click here]
Completed a **Social Internship** (Jun–Jul 2023), contributing to community service initiatives.