Chandsi

Full Stack Developer creating scalable, high-performance web applications using the MERN stack, Java, and Spring Boot. A top-tier competitive programmer dedicated to solving complex challenges through robust and efficient code.

Portfolio | linkedIn/Chandsi | +919911841206 | chandsigola@gmail.com | *github/chandsi*

CODING Profiles :- Leetcode |Codestudio |GFG

Education

- **B. Tech in Computer Science and Engineering**
  Manav Rachna International Institute of Research and Technology
  (2021-2025)
- **Kendriya Vidyalaya Noida**
  (XII CBSE) | 12th - 96.7% | 10th – 94.6%

Skills

- **Languages:** C++, Java, Python, Javascript, SQL
- **Frontend:** React.js, Tailwind CSS, HTML5, CSS3
- **Backend:** Spring Boot, Node.js, Express.js, Django, Flask
- **Databases:** MongoDB, MySQL, PostgresSQL
- **DevOps & Cloud:** Docker, AWS, Azure, Kafka, Kubernetes
- **Testing:** Jest, Mockito, Cypress, JUnit
- **Data Science & AI:** Machine Learning, Deep Learning, NLP

Projects

Software Developer | Thoughtworks **June 2025 - Present**

- Engineered a high-performance full-stack application using Spring Boot and React, which served 500+ internal users and improved data processing efficiency by 20%.
- Authored a comprehensive testing suite with Jest, Mockito, and Cypress, achieving over **90% test coverage** and reducing production bugs by **25%.**
- Championed Agile methodologies (TDD, Pair Programming) and a robust CI/CD pipeline, leading to a **15% increase in deployment frequency** and faster delivery of features.
- *Tech Stack: Spring Boot, React.js, MongoDB, Git, GitHub, Jest, Mockito, Cypress, Agile, CI/CD, Object-Oriented Design, Design Patterns*

Full stack Developer Intern| AK Skills Studios **Dec 2024 – Jun 2025**

- Architected and launched **Knowledgebox**, a MERN stack educational platform, from concept to deployment. The platform acquired **600+ users** within the first 3 months.
- Implemented a scalable backend with RESTful APIs to manage user data, quizzes, and curated content, ensuring **<200ms API response times**.
- *Tech Stack: React.js, Node.js, Express.js, MongoDB, JWT, AWS*

Teaching Assistant Intern | Coding Ninjas **July 2023 – August 2023**

- Mentored and guided over **75+ students** in Data Structures and Algorithms, resolving **100+ complex programming problems** through one-on-one debugging and guidance sessions.
- Achieved a **95% positive feedback rating** from students for clarifying difficult concepts and fostering a strong foundational understanding of core computer science principles.
- *Tech Stack: C++, Java, Python, Data Structures and Algorithms*

Projects

Realtime Chat Application

- Developed a full-stack chat application using **MERN stack** and **Socket.IO** to enable **low-latency, bidirectional real-time communication** between users.
- Engineered a secure authentication system with private messaging, ensuring end-to-end data privacy and a seamless user experience.
- Optimized server performance using an event-driven architecture, reducing server load by **10%** and ensuring smooth handling of concurrent connections.
- *Tech Stack: MongoDB, Express.js, React.js, Node.js, Socket.IO, JWT Authentication, REST APIs, Web Sockets, CSS* *Project Link*

Ecommerce Website

- Designed and implemented a full-featured e-commerce platform with the MERN stack, including product listings, cart functionality, and order management.
- Developed a robust and secure user authentication and authorization flow using **JSON Web Tokens (JWT)** to protect user-specific data and routes.
- Built and consumed RESTful APIs to handle all CRUD operations for products, users, and orders, ensuring efficient data management and retrieval.
- *Tech Stack: React.js, HTML5, CSS3, Bootstrap, JavaScript (ES6+) ,Node.js, Express.js, RESTful APIs, JWT, MongoDB* *Project Link*

Certifications

- ***Google Generative AI Leader Exam*** *– Google*
- ***Data Engineering on Microsoft Azure (DP-203)*** *– Microsoft*
- ***Microsoft Azure Fundamentals (AZ-900)*** *– Microsoft*

Achievements

- **Publication:** Paper titled "Stirring up Biomarker Discovery for Cardio Vascular Diseases Diagnosis: the FDR-RFE Pipeline" accepted in Conference **International Conference on Computing and Communication Networks 2024: ICCCNET 2024**; indexed in Scopus.