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Aryan Sharma

Technical Skills: JavaScript, React, Redux, Node.js, Express.js , Postman, Tailwind CSS, Java

Certification:

- Complete Web Development Bootcamp 2023: Udemy
- The Bits and Bytes of Computer Networking (Google): Coursera
- Microsoft cloud fundamentals – Security, Compliance, and identity fundamentals: Microsoft

EDUCATION

Board	Tenure	Educational institution	CGPA/Percentage
B. Tech (CSE)	09/2020 – 8/2024	VIT Bhopal University	7.59/10
Class XII	04/2019 - 04/2020	Vidyaniketan college of Arts and Science	76.1%
Class X	04/2016 - 04/2017	Swami Vivekanand High School	87.2%

ACADEMIC PROJECTS

React Next.js	**Live Auction** (Sept 23 – present) • Developed a Next.js-based online auction platform for second-hand goods with focus on sustainability. • Utilized Firebase, JWT, and MongoDB to establish a robust foundation for 1,000+ concurrent users, ensuring secure authentication, seamless real-time bidding, and streamlined data management. • Implemented a comprehensive search functionality, allowing users to easily find specific items of interest and improving overall platform accessibility. • Enhanced user experience through an intuitive UI styled with Tailwind CSS, resulting in 30% faster development • Link and Results: https://github.com/codex-06/auction-final
React Redux	**Pathology Report Analyzer** (Oct 2023 – Nov 2023) • Revolutionized health awareness with an interactive and intuitive Pathology report Analyzer. • Developed an intelligent analysis engine that instantly identifies abnormal CBC values and delivers concise information on normal ranges, potential causes, and recommended precautions for detected abnormalities. • Effectively managed an extensive dataset comprising over 20 parameters and 800+ values, ensuring optimal performance and scalability. • Established a secure API endpoint with Express and Node.js to seamlessly connect the frontend and backend. • Link and Results: https://amazing-gnome-e598ea.netlify.app/ **Password Wallet** (Jan 23 – March23) • Created a resilient password manager and generator using React, Redux, and Webpack. • Enabled offline access via Service Workers for uninterrupted data retrieval. • Implemented robust AES256 encryption with a bcrypt-protected master key for data security. • Styled the app with Tailwind CSS for a modern and responsive UI/UX. • Link and Results: https://github.com/codex-06/Password-Safe

EXTRA-CURRICULARS AND ACHIEVEMENTS

Achievements	• Finalist: Hack it Out, 15 teams were selected from 210 + teams (Celesta IIT Patna 2023). • Flipkart Grid 5.0: Selected in level 1.2 securing place in 16k+teams among 393k+ teams. • Participant NeoCodethon February edition 2023
Coding	• Hacker rank 4 Star in Python, 3 stars in data structures algorithms https://www.hackerrank.com/aryan_sharma06 • Leetcode – 2 stars, Solved over 260 problems https://leetcode.com/aryan_codex/
Extra-curriculars	• Microsoft club member for 2 years

ADDITIONAL INFORMATION

Hobbies	• Working Out • Reading Manga
Languages	• English, Hindi, Marathi