

ABHINAV PAREEK

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OBJECTIVE

Aspiring Software Engineer with hands-on experience in full-stack development, machine learning, and blockchain technologies. Seeking a dynamic role to build impactful software solutions while enhancing system performance and scalability.

EDUCATION

Bachelor's in Technology: (Computer Science and Engineering), Central University of Rajasthan, 8.85 CGPA 2022-2026

Relevant Coursework: Operating Systems, Object Oriented Programming in Java, Data Structures and Algorithms, Data Base Management System, Computer Networks, Distributed Systems, Machine Learning, Information Retrieval, TCP/IP and Computer Organisation.

SKILLS

Languages:	Java, Python, C, SQL, JavaScript, HTML/CSS, Solidity
Frameworks:	React, React Native, Node.js, Ethereum
Databases:	MongoDB
Developer Tools:	Git, VS Code, PyCharm, IntelliJ IDEA
Libraries:	pandas, NumPy, Matplotlib, scikit-learn
Environments:	Unix/Linux, Windows
Project Management Tools:	PERT, CPM, Jira

CERTIFICATES

Wells Fargo Software Engineering Job Simulation on Forage July 2024
Understood requirements for financial portfolio management system. Identified necessary data and created ERD. Implemented ERD in IntelliJ and published to GitHub.

Ybi Foundation online Internship Aug-Sep 2024
Data Science and AI/ML, Completed a machine learning-based project.

PROJECTS

Blip – Decentralized Social Media Application Developed a blockchain-powered social media app using React Native for the frontend and Ethereum smart contracts written in Solidity. Ensured user data ownership, security, and transparency by integrating decentralized authentication and content storage. Utilized IPFS for storing media files and on-chain references, providing a censorship-resistant and tamper-proof experience. ([Front-end](#)) ([Back-end](#))

Quit-Tobacco – Tobacco Cessation Support App Developed a mobile app to assist users in quitting tobacco using React Native, Node.js, Express.js, and MongoDB. Implemented progress tracking and real-time notifications to boost motivation. Integrated location-based services to detect visits to tobacco shops and trigger preventive alerts, encouraging behavioral change. ([Front-end](#)) ([Back-end](#))

RecycleBuddy – Waste Recycling Information App Developed an app to provide recycling information about waste by taking a photo using an AI model trained in CNN (ResNet). Used React Native for the frontend, Node.js, Express.js, and MongoDB for the backend. Provides users with the option to either recycle the waste themselves or contact the nearest vendor, who can visit and collect various types of recyclable waste. ([GitHub repo](#))

CURAJ EBS – Equipment Booking System Developed a website to organize research equipment booking and assignment schedules for university scholars and faculty. Used React and Tailwind for the frontend, and Express.js, Node.js, and MongoDB for the backend. Users can make booking requests, and the equipment admins can accept, reject, and schedule them to ensure efficient management. ([website](#))

Delhi Power Demand Prediction Collected historical power demand data using web scraping techniques and developed a deep learning model for accurate future demand prediction. Implemented data preprocessing and model evaluation to enhance performance and reliability, focusing on scalability and real-world applicability in energy management. ([GitHub repo](#))

Convo2025 – QR-Based Convocation Entry System Developed a mobile app for college convocation entry verification using React Native and Node.js with Express.js. Implemented secure QR code scanning to validate student ID cards and prevent multiple entries. Used MongoDB for backend storage, deployed the server on AWS, and managed the development process via Jira. Enabled real-time verification and streamlined entry management for over 500 students. ([Github repo](#))

Internet Relay Chat Service – IRC. An Operating System project that implements IRC by using multi-threading, Inter Process Communication and Socket in C language. This project allows users to chat with each other (both publicly and in private channels) in real-time within a virtual chatroom environment. ([GitHub repo](#))

EXTRA-CURRICULAR ACTIVITIES

- Part Time tutor at TutorBin, lead of university coding club (CURAJ Coding Club- CCC).
- Teach Data Structure and Algorithms.

ADDITIONAL INFORMATION

Qualified GATE (Computer Science)

Year: 2025

Actively participating in coding contests on CodeChef and LeetCode

(400+ problems solved)

2 * coder at Codechef

Current Rating: 1440

Shared daily DSA problem solutions on Instagram for 100 days