SHOBHIT KUMAR SHARMA

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EDUCATION

Jamia Hamdard University   2021 – 2025
Bachelor of Technology in Computer Science and Engineering   CGPA: 8.0/10
Relevant Coursework: Data Structures Algorithms, Object-Oriented Programming (OOPs), Database Management Systems (DBMS), Operating Systems, Computer Networks

TECHNICAL SKILLS

Languages	C++, JavaScript, SQL, HTML5, CSS3
Frameworks	React.js, Node.js, Express.js, Tailwind CSS, Redux
Databases	MongoDB, MySQL, Redis

EXPERIENCE

Frontend Developer Intern   Jan 2024 - Feb 2024
Codsoft   *Remote*

- Developed **hotel review platform** with star ratings, search filters, and photo galleries using React, managing state for **50+ hotels** and implementing responsive design for smooth user experience.
- Built **RESTful APIs** for review submission and hotel search, adding form validation and error handling to ensure reliable data flow between frontend and backend systems.
- Created **backend** with Express.js for managing reviews and ratings, designed MongoDB database schemas, implemented user authentication, and optimized queries to handle **100+ daily users** efficiently.

PROJECTS

Voltspot (React, Node.js, Express.js, MongoDB, Redis, Mapbox, Firebase)   [Link](#)

- Built **EV charging station finder** helping users locate **200+ nearby stations** with real-time availability and cost estimates, , helping users find optimal charging spots through **map-based interface**.
- Developed **secure authentication system** with JWT tokens and **Firebase** Auth integration, adding rate limiting and input validation middleware to handle **100+ concurrent API requests** efficiently.
- Integrated **Redis caching layer** for frequently accessed stations and user preferences, reducing database load by **40%** and improving API response times for better user experience.

Concisio (React, Node.js, Express.js, MongoDB, LLM APIs)   [Link](#)

- Developed **AI-powered summarization platform** that condenses YouTube videos and documents into concise notes, integrating **three LLM APIs** with intelligent routing and stream-based PDF/DOCX file processing.
- Implemented **asynchronous job processing** for AI summarization tasks, preventing request timeouts and maintaining smooth performance during heavy API calls with proper error handling mechanisms.
- Created **JWT-based authentication** with protected routes, built MongoDB schemas with indexing for efficient note retrieval, and developed RESTful endpoints for CRUD operations on user summaries.

Linkly (React, Spring Boot, Java, MongoDB, Redis, Firebase)   [Link](#)

- **Rewrote backend from Node.js to Spring Boot** to explore Java ecosystem, building URL shortening service with custom aliases and QR codes, leveraging **Redis caching** for faster redirects.
- Developed **RESTful APIs** using MongoDB repositories and service layer architecture, integrated **Firebase Admin SDK** for authentication, and built custom interceptors for **rate limiting**.
- Implemented **Base62 encoding** for short URL generation, automated QR code creation using **ZXing library**, and built Jsoup-based web scraper for extracting metadata from target URLs.

ACHIEVEMENTS

- Solved **400+ DSA problems** on [LeetCode](#), [GeeksforGeeks](#), and [Coding Ninjas](#).
- Ranked **top 1.5%** among **140,000+ participants** in CodeKaze 2024 coding competition.
- Earned **Gold Badge** and **top 1% nationwide ranking** in NPTEL courses: Programming in Java and Object-Oriented Programming with excellent scores.