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 and Algorithms, Object-Oriented Programming, Database Management Systems

TECHNICAL SKILLS

Languages:	C++, JavaScript (ES6+), SQL, HTML5, CSS3
Frameworks / Libraries:	React.js, Node.js, Express.js, EJS, Tailwind, Redux
Databases:	MongoDB, MySQL, Redis
Tools & Platforms:	AWS (EC2, S3), Docker, Git, Postman

EXPERIENCE

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

- Developed full-featured **hotel booking platform** with dynamic search, filtering, and user review system serving **50+ properties** with optimized rendering.
- Collaborated with backend team to integrate **RESTful APIs**, implementing client-side validation and error handling for seamless data flow.
- Enhanced UI responsiveness by **25%** through code optimization and lazy loading, ensuring smooth performance across mobile and desktop devices.

PROJECTS

Voltspot (React, Node.js, Express.js, MongoDB, Redis, OpenStreetMap API)   Link

- Developed **EV charging station locator** with geo-search for **200+ stations**, reducing user search time by **40%** through location-based filtering.
- Built **RESTful APIs** with JWT authentication and integrated **Redis caching**, improving response times by **35–40%** for frequent queries.
- Optimized **MongoDB queries** with indexing strategies, achieving **30% faster** data retrieval and enhanced overall application performance.

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

- Created **AI-powered summarization tool** for documents and videos using **LLM APIs**, delivering accurate summaries with **25–30% faster** processing.
- Implemented **background job processing** for AI tasks, preventing request timeouts and maintaining smooth user experience during heavy operations.
- Developed **secure authentication system** with token-based access control, managing user sessions and protecting API endpoints effectively.

Linkly (React, Node.js, Express.js, MongoDB, Redis, Firebase Auth)   Link

- Built **URL shortener** with custom links, analytics dashboard, and QR codes, reducing redirect latency by **70%** using **Redis caching**.
- Designed **REST APIs** for link management and **real-time click tracking**, handling multiple concurrent requests with efficient data processing.
- Integrated **Firebase authentication** for secure user management, implementing proper access control for personalized link storage and analytics.

ACHIEVEMENTS

- Solved 400+ DSA problems on LeetCode, GeeksforGeeks, and Coding Ninjas, demonstrating strong problem-solving skills.
- 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.