





ADAMYA KUMAR




Software Engineer

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STRENGTHS

- **Problem-Solving Approach**
Strong analytical thinking with systematic approach to breaking down complex problems
- **Collaboration**
Proven experience working in Agile teams with cross-functional stakeholders
- **Continuous Learning**
Actively participate in coding competitions and contribute to open-source projects
- **Communication**
Excellent written and verbal communication skills demonstrated through team projects and presentations

KEY ACHIEVEMENTS

- **Competitive Programming Excellence**
Top 10 contributor in Hacktoberfest 2023 among 2,000+ developers worldwide
- **Open Source Impact**
3 merged Pull Requests to freeCodeCamp open-source ecosystem
- **Performance Optimization**
Achieved 35% load time improvement through lazy loading and code splitting techniques

SKILLS

Agile	C/C++	Caching	CSS
Data Structures	Git	GitHub	
HTML	JavaScript	JWT	
MongoDB	Next.js	OOP	Postman
React	REST	SQL	Tailwind
TypeScript	Vercel	WebSockets	
RESTful API	Node.js	Express.js	
Responsive Web	Problem-Solving		

CERTIFICATION

- Developer and Technology Job Simulation - Forge (by Accenture)
- Web Development Certification - Udemy
- Data Structures and Algorithms - Self-directed learning through competitive programming

SUMMARY

I am a results-driven Computer Science graduate with a solid foundation in Data Structures, Algorithms, and MERN stack development. I have solved over 250+ DSA problems on platforms like LeetCode and Codeforces, showcasing my ability to build scalable web applications. Being a top 10 contributor in Hacktoberfest among over 2000 developers, I have expertise in performance optimization and system design

EXPERIENCE

- Web Developer Intern**
[Animart Enterprises](#) 06/2024 - 08/2024 Aligarh
- A company providing innovative products and services
- Built and maintained responsive web interfaces improving UI performance by 30%
 - Collaborated with cross-functional teams to develop features using React.js, Node.js, and Express.js
 - Followed Agile methodology with weekly sprints, daily standups, and continuous integration practices
 - Applied problem-solving skills to debug complex issues and optimize application performance

PROJECTS

- DSA Algorithm Visualizer**
03/2025 - Present
- Interactive platform demonstrating data structures and algorithms with complexity analysis
- Developed visual representations of sorting algorithms (Quick Sort, Merge Sort, Heap Sort) using React.js
 - Implemented graph algorithms (DFS, BFS, Dijkstra) with step-by-step execution and time complexity display
 - Optimized algorithm execution by 25% through efficient data structure selection and memory management
 - Featured Big O notation analysis for each algorithm with performance comparison metrics
- Quick AI**
07/2025 - 08/2025
- AI-powered SaaS platform with advanced performance optimization
- Engineered Resume Analyzer, Article Generator, and Object Remover using React.js and Node.js
 - Implemented secure authentication with Clerk and Stripe billing integration for subscription management
 - Optimized performance by 35% using lazy loading, code splitting, and efficient data structure selection
 - Applied algorithmic thinking for data processing pipelines and user request handling

- Converso AI Trainer**
05/2025 - 06/2025
- Real-time AI tutoring platform with speech processing algorithms
- Built voice-to-text platform using OpenAI and Deepgram APIs with React.js frontend
 - Reduced response latency by 40% through optimized API calls and efficient data structure usage
 - Implemented session management using Supabase with secure authentication via Clerk
 - Utilized queue data structures for managing real-time audio processing workflows

- Subscription Tracker API**
03/2025 - 04/2025
- Scalable backend service with advanced rate limiting and optimization
- Built RESTful API using Node.js, Express.js, and MongoDB with JWT authentication
 - Implemented rate limiting using a sliding-window algorithm, reducing API abuse by 60%
 - Applied hash map data structures for efficient user session management and data retrieval
 - Added Upstash email alerts, improving user renewal rate by 35% through optimized notification timing

EDUCATION

- B.Tech in Computer Science Engineering**
[Graphic Era Hill University](#) 06/2021 - 07/2025 Dehradun, UK
- High School Diploma**
[Sanskar Bharti Convent School](#) 01/2020 - 12/2021 Saharanpur, UP