

Naram Lohit Kumar

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OBJECTIVE

Full-Stack Software Engineer with expertise in building massively scalable, high-performance web applications and distributed systems. Proven experience in system architecture, performance optimization, and secure API development. Passionate about solving complex engineering challenges through innovative solutions and leveraging machine learning with financial engineering principles. Strong foundation in data structures, algorithms, and software engineering best practices with demonstrated ability to thrive in fast-paced, collaborative environments and deliver solutions at the speed of markets.

EXPERIENCE

Web Developer Intern

GA Digital Solutions

May 2024 – Jun 2024

Hyderabad, India

- Engineered and deployed scalable WordPress-based healthcare platform serving 100+ daily users, implementing responsive design patterns and cross-device compatibility through systematic performance optimization.
- Collaborated with cross-functional agile team to integrate client feedback, resulting in 25% improvement in page load times and enhanced user experience through strategic debugging and code optimization.
- Architected SEO-optimized, secure web pages using object-oriented design principles and algorithmic optimization, ensuring scalability and maintainability for production environments.
- Technologies:** WordPress, HTML5, CSS3, JavaScript, Elementor, Performance Optimization, Security Implementation
- Live site:** [dranishanandphysician.com](#)

PROJECTS

Sekhar Albums - Photo Album Design Studio Website Website Preview

(Live Site)

React, TypeScript, Tailwind CSS, Radix UI, Google Sheets API, Performance Engineering

- Developed high-performance, scalable digital asset management platform with advanced security protocols, implementing custom right-click blocking and drag prevention to protect intellectual property worth \$100K+.
- Architected real-time communication system integrating WhatsApp API and Google Sheets for automated data collection, reducing client response time by 40% and improving conversion rates through seamless user experience.
- Implemented interactive UI with dynamic sound effects and smooth animations, enhancing user engagement metrics by 35% through innovative front-end engineering and performance optimization techniques.

Game Explore - Scalable Game Discovery Platform with Big Data Processing

(GitHub) (Live Site)

React, TypeScript, Chakra UI, RAWG API, Performance Optimization, Caching

- Built massively scalable game discovery platform processing 50,000+ game entries with real-time search capabilities, implementing infinite scrolling architecture and optimized pagination for handling large datasets efficiently.
- Integrated RAWG API with intelligent caching strategies and rate limiting, reducing API overhead by 60% while maintaining sub-second response times for complex queries across multiple data dimensions.
- Developed advanced filtering algorithms supporting multi-criteria search (genre, platform, ratings), with dynamic UI updates and responsive design ensuring optimal performance across all device types.

Studio Project Management - Full-Stack Enterprise Application

(Live Preview)

React, TypeScript, Tailwind CSS, Supabase, System Architecture, Database Design

- Architected comprehensive role-based project management system with real-time dashboards, implementing secure authentication, access control, and automated workflow management for 500+ concurrent users.
- Developed advanced analytics engine with multi-criteria filtering and Excel export capabilities, enabling data-driven decision making and automated report generation for business intelligence.
- Implemented low-latency real-time updates using WebSocket connections and optimized database queries, ensuring system responsiveness under high load conditions.

MERN Stack Note Management System with Redis Integration

(GitHub)

MongoDB, Express.js, React, Node.js, Redis, REST API, Microservices Architecture

- Engineered full-stack note-taking application with comprehensive CRUD operations, implementing MongoDB for data persistence and Redis-based rate limiting to protect against API abuse and ensure system stability.
- Designed secure RESTful API infrastructure with proper HTTP status codes, JWT authentication, and environment variable management following industry security best practices for production deployment.
- Implemented performance monitoring and caching strategies using Redis, reducing API response times by 45% and preventing system overload during peak usage periods.

TECHNICAL SKILLS

Programming Languages	JavaScript, TypeScript, Python, Java, SQL, HTML5, CSS3
Frameworks & Libraries	React.js, Next.js, Node.js, Express.js, Redux, Tailwind CSS, Chakra UI
Database & Storage	MongoDB, Redis, Firebase, Supabase, PostgreSQL, Database Design
Cloud & DevOps	Docker, Git, GitHub, Postman, Vercel, Netlify, CI/CD Pipelines
System Design & Architecture	REST APIs, Microservices, Distributed Systems, Scalability Patterns
Performance & Security	Rate Limiting, Caching, API Security, Performance Optimization
Core Computer Science	Data Structures, Algorithms, OOP, System Design, Software Engineering

ACHIEVEMENTS & CERTIFICATIONS

- Competitive Programming:** Solved 200+ algorithmic problems on LeetCode and GeeksforGeeks, specializing in dynamic programming, graph algorithms, and system design. [LeetCode Profile](#)

EDUCATION

B.Tech in Electronics & Communication Engineering	Sep 2021 – May 2025
ANITS, Visakhapatnam	CGPA: 8.02 / 10.00
Relevant Coursework: Data Structures & Algorithms, Database Management, Computer Networks, Software Engineering	
Intermediate (Mathematics, Physics, Chemistry)	Jul 2019 – Jul 2021
Sasi Junior College, Andhra Pradesh	Percentage: 90.8%