

Lucky Kumari

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🌐 [LinkedIn](#)

🐙 [GitHub](#)

🌐 [Portfolio](#)

Technical Skills

Languages: C/C++, C#, Java, Python, Javascript, TypeScript

Frontend Technologies: React.js, Next.js, TailwindCSS, Bootstrap, Material UI, HTML, CSS

Backend & Database Technologies: Node.js Express.js, ASP.NET Core, Microsoft SQL Server, MySQL, MongoDB

Tools & Platforms: Linux, Windows, Microsoft Azure, Github, Power BI, Postman, Swagger

Development Practices: Agile, CI/CD, RESTful APIs, Microservices, Test-Driven Development (TDD)

Experience

PROVIDENCE GLOBAL CENTER

Aug 2022 – present

Software Engineer - II - ASP.NET Core, C#, API Development, HL7, React, Node.js, MySQL, Azure, Kafka, Redis *Hyderabad, India*

- Designed and implemented robust backend modules for validating and managing system configurations, including automated verification, conflict detection, and database updates, following Clean Architecture and CQRS patterns.
- Built a HL7 test message generator in React, integrating LLM and message parsing for automated validation. Reduced system processing time and improved **test precision by 50%** while ensuring compliance with PHI masking.
- Led a cost-saving initiative by developing a hospital onboarding system using React.js & ASP.NET, reducing onboarding time by **80%**, optimizing API performance, and enhancing **response time**, and leading to cost savings.
- Engineered an automation tool to streamline data export, processing 1M+ lab records in CSV/Excel, eliminating **100% manual effort**, and accelerating public health response with instantaneous data transmission.
- Designed & deployed a real-time dashboard using Azure DevOps Board API to automate sprint capacity tracking, **optimize workforce planning**, and enhance Agile adoption. Improved sprint efficiency and team productivity.

VIRTUSA

Apr 2022 – July 2022

Software Engineer Intern

Hyderabad, India

- Optimized and developed responsive UIs in React.js, transforming UML diagrams into interactive interfaces, improving performance and implementing state management, resulting in a 20% increase in user engagement.

ASTHARA AGRO

Oct 2021 – Apr 2022

Software Engineer Intern

Delhi, India

- Developed a scalable hybrid e-commerce platform using the MERN stack, with multi-user role management system with authentication and authorization for buyers, managers, vendors, and sellers, ensuring secure access control.
- Implemented a product catalog and inventory management system to optimized inventory accuracy.

Projects

Unified AI Hub | *Next.js, TypeScript, Shadcn, Clerk, MongoDB, OpenAI API, Stability AI, Razorpay, PayPal*

- Architected and developed a unified GenAI platform enabling chat with multiple LLMs (GPT, Claude, Gemini) and AI image/text generation through integrated APIs from OpenAI, Stability AI.
- Implemented secure payment using Razorpay and PayPal SDKs, managing subscription plans, credit-based access.

ImageFlex | *Next.js, TypeScript, MongoDB, Clerk, Cloudinary, Shadcn, TailwindCSS*

- Developed an AI-powered image SaaS platform with advanced editing features (restoration, recoloring, object removal, background generation) and integrated image search models, improving retrieval accuracy by 60%.

Education

IIIT MANIPUR

Aug 2018 – May 2022

Bachelor of Technology in Computer Science & Engineering

CGPA: 8.57 / 10

- **Relevant Coursework:** Data Structures and Algorithms (C++), Operating Systems, Computer Network, Database Management System

Open Source Contributions

- Contributed to 7+ open-source programs, raising 30+ pull requests and building 20+ new features to enhance project performance, usability, and scalability.

Certification

- Azure Fundamentals (Az-900) • Level -1 Corepoint Integration Engine • Introduction to Operating Systems - NPTEL