

# Kunal Chand

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H-1B Visa Holder (No Sponsorship Required) | 3+ Years in Full-Stack Development & Gen AI | MS in Computer Science

## EXPERIENCE

<b>Software Engineer</b>   Java, Spring Boot, Kafka Trulogik	Nov 2025 – Present Baltimore, Maryland, USA
<ul style="list-style-type: none"><li>Built RESTful APIs using Spring Boot, leveraging Spring Data JPA and Hibernate ORM for seamless database integration</li><li>Designed an Event-Driven Architecture for claims-processing system, implementing Kafka producers/consumers for real-time data exchange and scalable claims distribution across adjustors based on type, workload, and efficiency</li></ul>	
<b>Full Stack Engineer (Contract)</b>   Python, FastAPI, AWS Lambda, ECR, RDS, S3 O2	Sep 2025 – Nov 2025 Remote, Minneapolis, Minnesota, USA
<ul style="list-style-type: none"><li>Built and deployed a scalable FastAPI-based REST backend on AWS Lambda connected to RDS PostgreSQL database</li><li>Created CI/CD pipeline in GitHub Actions to automate Docker image builds, ECR pushes, and Lambda function updates</li><li>Implemented pre-signed URL generation for S3 objects, enabling secure direct media access from frontend clients</li></ul>	
<b>Software Engineer</b>   React, JavaScript, TypeScript Trulogik	Jul 2024 – Jul 2025 Baltimore, Maryland, USA
<ul style="list-style-type: none"><li>Created interactive UI widgets for healthcare insurance claims dashboard, powered by Generative AI and Agentic AI services to summarize reports, recommend next steps, and assist in intelligent claims assignment</li><li>Built front-end components with React.js, TypeScript and Material UI, utilizing code-splitting and lazy loading for performance optimization, React Query for efficient data fetching, and Redux for predictable state management</li></ul>	
<b>Associate Software Engineer</b>   Java, Spring MVC, JavaScript, SQL NRI (Nomura Research Institute) FinTech	Aug 2020 – Jul 2022 Kolkata, West Bengal, India
<ul style="list-style-type: none"><li>Delivered end-to-end features for a fintech portal using Java Spring on the backend and JavaScript on the frontend, powering secure financial transaction displays, validation alerts, and dynamic content updates for 10M+ users</li><li>Enhanced database efficiency through indexing, query optimization, and schema normalization for faster transactions</li></ul>	

## EDUCATION

<b>Master of Science in Computer Science and Engineering</b> University at Buffalo, The State University of New York	Aug 2022 – Dec 2023 Buffalo, New York, USA
<ul style="list-style-type: none"><li>Relevant Coursework: Analysis of Algorithms; Data Intensive Computing; Machine Learning; Computer Architecture</li></ul>	
<b>Bachelor of Technology in Computer Science and Engineering</b> Kalinga Institute of Industrial Technology (KIIT University)	Jul 2016 – May 2020 Bhubaneswar, Odisha, India
<ul style="list-style-type: none"><li>Relevant Coursework: Data Structures; Computer Networks; Computer Graphics; Operating System</li></ul>	

## PROJECTS

<b>Timesheet Auto Filler</b>   Java, Selenium, OOP	<a href="#">GitHub</a>
<ul style="list-style-type: none"><li>Automated timesheet entry in an in-house app using Selenium, reducing daily entry time from 10-15 minutes to under 2 minutes with a one-click workflow</li></ul>	
<b>PDF Gen AI Chatbot</b>   Python, LangChain, Vector Embeddings, Natural Language Processing (NLP)	<a href="#">Live Demo</a>   <a href="#">GitHub</a>
<ul style="list-style-type: none"><li>Developed a RAG-based LLM chatbot to process 100+ page PDFs and answer queries with context-aware responses</li><li>Integrated Pinecone vector database with HuggingFace embeddings for optimized context retrieval in the RAG pipeline</li></ul>	

## SKILLS

<b>Languages:</b> Python, Java, JavaScript, TypeScript, SQL, C++
<b>Frameworks &amp; Libraries:</b> FastAPI, Spring Boot, React (Redux, React Router, Material UI, TanStack), LangChain
<b>Databases:</b> PostgreSQL, MySQL, OracleDB, Microsoft SQL Server
<b>Cloud &amp; DevOps:</b> AWS (Lambda, ECR, RDS, S3), Docker, GitHub Actions
<b>Other:</b> Data Structures, Algorithms, Design Patterns, Object Oriented Programming, Test Driven Development