

Kunal Chand

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H-1B Visa Holder | 3+ Years in Full-Stack Development & Gen AI | MS in Computer Science

EXPERIENCE

Software Engineer Java, Spring Boot, Kafka	Nov 2025 – Nov 2025
Trulogik Inc	Baltimore, Maryland, USA
<ul style="list-style-type: none">Built RESTful APIs using Spring Boot, leveraging Spring Data JPA and Hibernate ORM for seamless database integrationDesigned 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	
Full Stack Engineer (Contract) Python, FastAPI, AWS Lambda, ECR, RDS, S3	Sep 2025 – Nov 2025
O2	Remote, Minneapolis, Minnesota, USA
<ul style="list-style-type: none">Built and deployed a scalable FastAPI-based REST backend on AWS Lambda connected to RDS PostgreSQL databaseCreated CI/CD pipeline in GitHub Actions to automate Docker image builds, ECR pushes, and Lambda function updatesImplemented pre-signed URL generation for S3 objects, enabling secure direct media access from frontend clients	
Software Engineer React, Redux, JavaScript, TypeScript	Jul 2024 – Jul 2025
Trulogik Inc	Baltimore, Maryland, USA
<ul style="list-style-type: none">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 assignmentBuilt 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	
Associate Software Engineer Java, Spring MVC, JavaScript, SQL	Aug 2020 – Jul 2022
NRI (Nomura Research Institute) FinTech	Kolkata, West Bengal, India
<ul style="list-style-type: none">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+ usersEnhanced database efficiency through indexing, query optimization, and schema normalization for faster transactions	

EDUCATION

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

PROJECTS

Timesheet Auto Filler Java, Selenium, OOP	GitHub
<ul style="list-style-type: none">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	
PDF Gen AI Chatbot Python, LangChain, Vector Embeddings, Natural Language Processing (NLP)	Live Demo GitHub
<ul style="list-style-type: none">Developed a RAG-based LLM chatbot to process 100+ page PDFs and answer queries with context-aware responsesIntegrated Pinecone vector database with HuggingFace embeddings for optimized context retrieval in the RAG pipeline	

SKILLS

Languages: Python, Java, JavaScript, TypeScript, SQL, C++

Frameworks & Libraries: FastAPI, Spring Boot, React (Redux, React Router, Material UI, TanStack), LangChain

Databases: PostgreSQL, MySQL, OracleDB, Microsoft SQL Server

Cloud & DevOps: AWS (Lambda, ECR, RDS, S3), Docker, GitHub Actions

Other: Data Structures, Algorithms, Design Patterns, Object Oriented Programming, Test Driven Development