

Frontend-Oriented Full-Stack Software Engineer with 7+ years of experience building scalable, user-centric applications across healthcare, enterprise, and cloud-native domains. Skilled in designing dynamic, accessible UIs with React, Vue, TypeScript, and modern component libraries, while leveraging backend expertise in Node.js, Java (Lambda functions), and AWS microservices (DynamoDB, S3, SNS, SQS, EventBridge). Recently completed a Generative AI Specialization from Purdue University, gaining hands-on experience with LLMs, LangChain, LangGraph, and Retrieval-Augmented Generation (RAG). Proven track record of driving end-to-end features, from technical design to deployment, with strong focus on scalability, performance, and cross-device compatibility.

Links

[Portfolio](#)

[Github](#)

[LinkedIn](#)

Employment history

Software Development Engineer, AWS, May 2024 - Mar 2025

Seattle, WA

- Designed and shipped new API Gateway features for AWS Marketplace, delivering allow-listing and throttling functionality used by customers across multiple regions and environments.
- Automated stack policy updates using AWS CDK (TypeScript), reducing deployment time from 2 days to 15 minutes and significantly improving operational efficiency.
- Wrote Lambda functions in Java for the Catalogue Authoring Service, ensuring transactional integrity and eliminating stale data through DynamoDB transactions.
- Modified Notification Service to support deployment in AWS GovCloud by adapting CDK stacks and LPT code to replace unsupported services.
- Configured custom MAIL FROM domain and aligned SPF/DKIM records in SES to ensure email deliverability and compliance with domain authentication standards.

Software Engineer, Linqia, Sep 2021 - Mar 2024

San Francisco, CA

- Owned and optimized the discovery search feature, reducing latency by 60% via frontend and backend improvements using Node.js, and TypeScript.
- Implemented infinite scroll for influencer discovery, improving performance and usability across large datasets.
- Led the migration of analytics dashboards from D3.js to Chart.js, collaborating with stakeholders to deliver scoped visual insights.
- Built the content sharing feature with pagination, multi-select, and API integration, working closely with backend and design teams to deliver a seamless client experience.
- Leveraged FullStory and Storybook, and wrote UI component tests with Jest, Mocha, and Chai to deliver a production-ready interface.

Software Developer, Egen Solution, Mar 2019 - Sep 2021

Chicago, IL

- Developed Cart, Checkout, Auto-reorder, and Order Confirmation workflows using React and Redux.
- Built login and guest checkout flows to streamline the user journey.
- Conducted cross-browser testing using Sauce Labs to ensure performance consistency across Chrome, Firefox, Safari, IE, and Edge.
- Built React Native features for healthcare company Tempus, ensuring cross-device support for displaying patient test results and history timelines.
- Implemented PDF receipt generation for both web and mobile platforms to enhance order traceability.
- Designed and implemented the UI for a live security camera streaming dashboard using HLS.js, with integrated camera controls and backend data management through MongoDB.

Education

Purdue University, May 2025 - Aug 2025

Applied Generative AI Specialization

Topics: LLMs, RAG, LangChain, Agentic AI, Prompt Engineering, Generative AI Governance, Azure AI Studio

Texas A&M University - Kingsville, Aug 2016 - May 2018

Master of Science - Computer Science

GPA: 3.9

Selected AI & Development Projects

InsightForge: AI Business Intelligence Q&A

<https://github.com/anmol091192/InsightForge-AI-Business-Intelligence-Q-A>

InsightForge is an intelligent business intelligence application that allows users to upload their data (CSV or PDF) and ask natural language questions to get insights powered by AI. The application combines retrieval-augmented generation (RAG) with AI agents to provide accurate, context-aware answers about your business data.

NewsGenie: AI News & Web Search Assistant

<https://github.com/anmol091192/NewsGenie-AI-News-Search-Assistant>

NewsGenie is an AI Streamlit app that lets users chat with an assistant to get news by category or search the web for answers. It uses Google Gemini, GNews API, and Serper for fast, reliable info, plus agentic workflows and strong error handling.

AI PDF Assistant – Universal PDF Chatbot

https://github.com/anmol091192/AI_PDF_Chatbot

Created a chatbot capable of parsing and answering user questions from uploaded PDFs, supporting multiple document formats and use cases.

Skills

React	Vue	Java	ElasticSearch
DynamoDB	S3	SNS	SQS
EventBridge	Amazon SES	AWS CDK	TypeScript
JavaScript	Storybook	D3.js	Chart.js
Node.js	Next.js	Python	PostgreSQL
MySQL	MongoDB	Jest	Mocha
DataDog	Fullstory	Docker	Prompt Engineering
RAG	LLM Fine-tuning	LangChain	LangGraph
Agentic AI	Github Copilot	Augement Code	Amazon Q