

Subham Choudhary

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Experience

Cotiviti | Software Engineer - II

Feb 2026 - Present

- Designing and implementing Agentic AI processes to autonomously process data, offer clinical decision support, and orchestrate intelligent tasks with the help of LLMs.
- Context management Designing multi-agent systems, tool-calling API, and structured prompt engineering of complex healthcare data pipelines.
- Training and optimization of RAG pipelines based on vector databases, embeddings and semantic search to give accurate, grounded AI answers.
- Partnering with product teams and data science teams to scale Generative AI solutions in production systems.

Innominds | Senior Web Developer

Sept 2025 - Feb 2026

- Another significant advancement to AI engineering was the design and implementation of Agentic AI systems, using LLMs to plan autonomous tasks, reason about them, and execute them in multiple steps.
 - Built autonomous agents that can manage context, API interactions, and end-to-end automation of workflows with ChatGPT/Claude and LLM APIs with structured prompt engineering and tool-calling.
 - Provided scaled Generative AI pipelines that spanned data ingestion, inference, evaluation and production deployment.
- Led end-to-end HubSpot site management and developed responsive, modern UIs using React.js, HubSpot CMS, and Shopify, establishing a robust web presence of AI-enhanced digital experience.
- Introduced RESTful API and React Charts real-time dashboard integrations, which reduced response times by a quarter.
 - Optimized the retrieval of context in LLM and management of agent memory to reduce response latencies in Agentic AI systems, using leveraged data structures (including hash maps and tries).

HighRadius | Web Developer - II

Jul 2022 - Aug 2025

- Built RAG pipelines with embeddings, vector databases and semantic search, foundations of the AI engineering career path.
- Developed No-code content publishing platform using React.js, HTML, CSS, and JavaScript, which allowed the publication of more than 800 blogs and increased content efficiency by 30 percent.
- Implemented the HighRadius web site on AWS (S3, EC2) with scalable backend services and database hosting.
- Introduced Google Auth with a user base of 300,000+ and provides a secure and seamless authentication experience throughout the platform.
- Created in Figma and Webflow, designed UX wireframes and prototypes, developed secure sign-up flows, using JWT tokens, cookies, and sessions.
- 3 years of HubSpot experience to create a web page, form workflow, build API data management operation, and integrate CRM.
- Used Jest and Enzyme to perform unit testing, which guaranteed solid and stable frontend solutions.
- Employed DSA principles, sorting algorithms, binary search, and dynamic programming, to optimize content pipeline logic, to improve platform throughput and reduce processing time across 800+ automated blog publications.

Fidelity National Financial | Analyst

Jun 2017 - Apr 2019

- Built the underwriting module UI with React.js, Redux, and CSS, achieving a 30-percent decrease in page load time, through the use of code splitting and lazy loading.
- Built-in risk assessment capabilities through React.js and API integration, processing speed has been 40% faster.
- Implemented React.memo and useCallback optimizations, doubling the page load time.
- Backend APIs with Axios and Fetch library to communicate easily with data.
- Assured WCAG accessibility through ARIA roles and semantic HTML to deliver accessible UI.

Conducted frequent client shows and tells and communicated with stakeholders to translate business needs into frontend solutions.

Skills

- Frontend: HTML5, CSS3, JavaScript, TypeScript, React.js, Next.js, Tailwind CSS, SCSS, Webpack
- Backend: Node.js, Express.js, PHP, Python
- Agentic AI & Generative AI: Agentic AI Systems, LLMs, ChatGPT/Claude API, Prompt Engineering, LLM Orchestration, RAG Pipelines, Autonomous Agents, Tool-Calling APIs, Generative AI Pipelines
- AI Data & Search: Vector Databases, Embeddings, Semantic Search
- Cloud & DevOps: AWS, Docker, Kubernetes, Terraform, Jenkins, GitHub Actions, Ansible, CI/CD Pipelines,
- State Management: Redux
- APIs: RESTful APIs, AI/LLM API Integrations
- Databases: MongoDB, MySQL
- Version Control: Git
- Design Tools: Figma, Webflow
- CRM & Automation: HubSpot, Salesforce (Pardot Lightning)
- CMS: WordPress, Shopify

Projects

Procon | Full-Stack Professional Ordering Platform (Personal Project) [↗](#)

Next.js, Supabase, PostgreSQL, JWT, Google Auth, Stripe API, AWS

- Created an end-to-end book ordering platform with Next.js with JWT and Google Auth, seamless integration with Stripe payment, and an intuitive browse-to-checkout experience, as easy as ordering food online.

- Developed a scalable relational backend in Supabase (PostgreSQL) with Row Level Security, real-time subscriptions and RESTful APIs to manage the entire order lifecycle, cart-to-payment confirmation.

Education

Bachelor of Technology Kalinga Institute of Industrial Technology, Bhubaneswar, OD, India	July 2019 - Jun 2022
Diploma Nettur Technical Training Foundation, Bangalore, KA, India	July 2014 - Jun 2017
Class X D.A.V. Public School, Bistupur, Jamshedpur, JH, India	Mar 2003 - Mar 2014

Summary

- 6+ years of progressive experience spanning full-stack web development and AI engineering, with a specialization in Agentic AI systems, LLM integration, and Generative AI pipeline architecture.
- Transitioned from senior web development into AI engineering, bringing a rare combination of production-grade frontend/backend expertise and hands-on LLM deployment experience.
- Proven ability to design and ship autonomous AI agents, RAG pipelines, and multi-step LLM orchestration systems at scale in enterprise environments.
- Adept at bridging the gap between AI capabilities and real-world product requirements, from prompt engineering to cloud deployment on AWS.
- Strong collaborator with cross-functional teams, combining deep AI technical depth with client-facing communication and agile delivery.