ANKUSH KUMAR

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Frontend engineer with 4+ years building production React and TypeScript applications. Improved page-load and interaction metrics by up to 60% and led 8 engineers. Built live products including a finance AI agent using the OpenAI SDK and RAG with pgvector, and an open-source SaaS billing platform.

EXPERIENCE

Frontend Engineer — Sep 2025 – Present
Trend Micro — Ottawa, ON

- Lead frontend development for the trendmicro.com revamp, building performant, customer-facing experiences for the company's primary public website.
- Build reusable UI components across internal projects and extend shared design-system patterns used by teams across the organization.
- Partner with designers and product managers to deliver interactive experiences end to end, with accessibility and cross-browser consistency.

Senior Frontend Developer — Oct 2020 – Apr 2024
Josh Technology Group (POD.AI) — Gurugram, India

- Built and maintained production React, TypeScript, and Angular applications, delivering interactive interfaces and responsive product experiences.
- Improved page-load and interaction metrics by up to 60% through code splitting, lazy loading, bundle optimization, and rendering refactors.
- Led 8 engineers through code reviews, pairing, and mentoring; partnered with designers and product managers to deliver features on tight timelines.
- Extended a shared component library across product teams to support consistent visuals, responsive behavior, and accessibility.

SELECTED PROJECTS

Hatching | Live Personal Finance App and AI Copilot — hatchingapp.com Download on the App Store

- Built and launched a personal-finance app with Plaid bank-account integration, expense tracking, recurring transactions, and spending insights.
- Developed an AI agent using the OpenAI SDK and retrieval-augmented generation (RAG) with pgvector to answer questions using account, transaction, and goal context; added persistent memory across sessions.

BillingOS | Live Open Source SaaS Billing Platform — billingos.dev docs.billingos.dev GitHub

- Built and launched an open-source billing platform for subscriptions, usage tracking, and pricing, with embedded checkout, a self-service customer portal, and multi-currency support.

TECHNICAL SKILLS

Languages and frameworks	TypeScript, JavaScript, React, Angular, Python, Node.js, HTML, CSS
Product engineering	REST APIs, design systems, performance optimization, accessibility (WCAG / ARIA), responsive design, Cypress, cross-browser testing
AI and data	OpenAI SDK, RAG, pgvector, MongoDB, Firebase
Tools and platforms	AWS, Docker, Webpack, Git

EDUCATION

Postgraduate Diploma, Full-Stack Software Development · Lambton College — 2024 – 2026

Bachelor of Technology, Computer Science · Bhagwan Parshuram Institute of Technology — 2017 – 2021