Linda Eng

Software Engineer

✉ 90lineng@gmail.com   📞 1-347-527-6620   📍 New York City, New York   in https://www.linkedin.com/in/linda-eng/

🖸 https://github.com/LindaEng   🔗 https://linda-eng-portfolio.onrender.com/

👤 Profile

Full-stack engineer specializing in **TypeScript, React, and Node.js** with a strong track record of shipping scalable, user-focused features. Experienced in **building secure APIs, cloud-native systems, and high-reliability microservices on AWS**. Known for cross-functional collaboration, tackling ambiguity, and **delivering measurable product improvements**.

🧠 Technical Skills

Languages:
TypeScript, JavaScript, Python, SQL, Shell, HTML, CSS, C++, Elixir

Frameworks and Tools:
React, Node.js, Express, Nest.js, Postgres, MongoDB, Jest, OAuth, Docker, GitHub, REST APIs

Cloud / DevOps:
AWS (S3, EC2), CI/CD, Git-based workflows

AI / LLM Technologies:
OpenAI API, GPT-4/4o, Prompt Engineering, LLM-Powered Application Development, Embeddings, RAG Concepts

📑 Professional Certifications

AWS Cloud Practitioner Certification
Focused on fundamentals of cloud infrastructure, compute, storage, and security.

💼 Professional Experience

Software Engineer - DBTO   09/2024 – present
Freelance Software Engineer
- **Built a lightweight full-stack web application** that mapped product distribution across New York City, helping the team track inventory, visibility, and retailer demand.
- **Designed and implemented a searchable storefront dashboard** so customers and retailers could easily find nearby stockists, improving brand engagement and inbound interest.
- **Integrated third-party APIs** and geolocation tools to display real-time availability, reducing manual tracking effort for the business owner.

Software Engineer - Multiverse   05/2021 – 07/2024
AI Education Tech Start up   New York
- **Delivered UI enhancements** that improved responsiveness and usability across a high-traffic LMS serving thousands of learners.
- **Developed GPT-powered personalization features** via secure API architecture (RBAC, token management), increasing user engagement.
- **Improved system reliability** by refactoring REST endpoints with structured logging, rate limiting, and clearer error surfaces.
- **Strengthened release quality** by implementing CI/CD pipelines and automated testing coverage.
- **Designed and deployed AWS microservices** supporting scalable profile creation and distributed workflows.
- **Mentored peers** on system design, debugging, and secure coding, elevating team output.

Software Engineer - Nestor   01/2017 – 02/2019
Real Estate SaaS Startup
- **Coordinated bi-weekly release cycles with design, QA, and product,** ensuring features shipped on schedule and with minimal defects.
- **Modernized a legacy frontend codebase,** reducing load times and improving maintainability for faster iteration.
- **Migrated file handling to AWS S3** using presigned URLs, increasing upload reliability and strengthening data governance.

Computer Science Curriculum Lead - New York Department of Education   09/2013 – 01/2020
New York City Public School System   New York
- **Designed and led** a full-year computer science curriculum, managing projects across multiple classrooms and aligning instruction with College Board standards.
- **Built strong relationships** with students, parents, and administrators, excelling at translating complex technical concepts for diverse, non-technical audiences.
- **Mentored underrepresented students** in tech pathways, demonstrating patience and calm leadership under pressure while preparing them for AP exams and enrichment programs.

♟ Volunteering

Software Engineer - New Jersey Parent Caucus   05/2024 – Present
Legal Service Non-Profit   New York
- **Built responsive, modular components** in **React** and **TypeScript** from **Figma** designs, improving **maintainability** and **load times** across user and admin dashboards.
- **Implemented secure login and token-based authentication** using **OAuth** and **bcrypt**, strengthening protection against **token leakage** and **brute-force attacks** while improving reliability.
- **Designed and optimized RESTful APIs** with **Express.js** and **Postgres**, adding **input validation**, **access control**, and **error sanitization** to minimize security risks.
- **Collaborated with stakeholders** to define MVP features and delivered a **production-ready portal** for **500+ users** on a tight volunteer timeline.

🎓 Education

Master of Mathematics   05/2013
Hunter College   New York

Software Engineering   06/2020
Fullstack Academy   New York