

BILAL ITANI

Chicago, IL • (331) 631-1047 • bilal@itani.io • github.com/beelol

SENIOR SOFTWARE ENGINEER

Lead Software Engineer • Full-Stack Engineer • Staff Software Engineer • Senior Software Engineer
Principal Software Engineer • UX/UI Development • Artificial Intelligence • CI/CD Pipeline

EXPERIENCE

EngagedMD; Chicago, IL (Remote) **2025 - Present**

Senior Software Engineer

Technologies: TypeScript, JavaScript, React, NextJS, NestJS, REST, HTML, CSS, GraphQL, Jest, Redux, Git, SQL, PostgreSQL, Jira, Agile, AWS, Redis, i18n, React Query, Tanstack Query, React Testing Library, APIs

- Owned frontend processes, standardizing developer experience and minimizing tech debt
- Created internationalization systems used in 100% of frontend application.
- Built systems from frontend to backend using TypeScript, Next.js, React, SQL, and more

Station 42; Chicago, IL **Dec 2022 - Present**

Senior Software Engineer

Technologies: Typescript, React, NextJS, REST, HTML, CSS, GraphQL, Jest, Redux, Storybook, Web3, Git, SQL, PostgreSQL, OpenAI, GPT, Go (Golang), PyTorch, NumPy, Pandas, Python, React Testing Library, APIs, Google AI & Gemini, Stripe, Gin

- Built application across full-stack enabling businesses to create AI and API workflows visually.
- Grew company revenue from 0 to > \$4,800/yr
- Built React app, MagicReply.ai, to enable 1000s of businesses to manage customers with AI.
- Spearheaded software development content to teach ~2M students online
- Mentored Junior Developers and achieved a rising mentor ADPLList award

Aimlabs; New York, NY (Remote) **May 2021 - Dec 2022**

Senior Software Engineer

Technologies: TypeScript, JavaScript, React, NextJS, Apollo, REST, HTML, CSS, GraphQL, Jest, Redux, Git, Jira, Agile, AWS, Redis, i18n, Unity, PlayCanvas, React Testing Library, Figma, Storybook, APIs, Stripe

- Created original game for TikTok and Aimlabs with 1M+ impressions and ~150,000 players as primary gameplay programmer (Mr. Aimlab's Nightmare).
- Attained 1.7M+ total viewers for a leaderboard built for Riot Games' Arcane Undercity Nights.
- Built Playerbase.com from scratch, enabling 100+ creators to earn income via online coaching.
- Expedited product road mapping and delivery in a fast-paced remote work environment.

InvoiceMaker; Birmingham, MI (Remote) **March 2020 - May 2021**

Senior Software Engineer

Technologies: JavaScript, React, REST, HTML, CSS, GraphQL, Jest, Redux, Git, SQL, PostgreSQL, Jira, Agile, AWS, i18n, Handlebars, React Testing Library, APIs, Stripe

- Supported 10K+ potential business owners with integrated payment system invoice software.
- Scaled app from \$0 to \$1,000+ in estimated monthly revenue.
- Drove a 50% improvement in developer performance by coaching/mentoring junior developers.

- Increased profit and maximized user adoption by collaborating with art, UX, content teams, and the Product Owner to deliver high-quality software solutions.

Ford Motor Company / Detroit Labs; Allen Park, MI

2019

Software Engineer

Technologies: JavaScript, React, HTML, CSS, Redux, Git, Jira, Agile, i18n, Storybook, APIs

- Engineered European digital radio UI for Ford's SYNC 4 Infotainment System used in production of 1M+ vehicles, including all-new electric Mustang Mach-E based on wireframes.

Saganworks; Ann Arbor, MI

Technologies: Unity, C#, Git, Jira, Agile, REST, APIs

2018

Software Engineer

- Designed waypoint software for a \$100,000+ client in paired technical strategy sessions.

New York University; New York, NY

Oct 2016 - Dec 2016

Technologies: Unity, C#, Git, Jira, Agile, REST, APIs, HTML, JavaScript, WebGL

Software Engineer

- Crafted Interactive Statistics Map for use by 100s of future students in <2 months.

EDUCATION

**Western Michigan University, Kalamazoo,
Coursework, Computer Science**

**App Academy, San Francisco,
Certificate, Full-Stack Engineering Program**

**Deep Atlas, San Francisco,
Certificate, Machine Learning & AI Engineering Program**

SKILLS

Programming Languages: TypeScript, JavaScript, C#, Go (Golang), Python, Java, Rust, Lua, C++

Libraries & Frameworks: React, NextJS, Material UI, Tailwind, Node, React Testing Library, Jest, Unity, NestJS, .NET, Gin, Chakra UI, OpenAI, Google AI & Gemini, i18n, Clerk, Stripe, Gin, React Query, Tanstack Query, Framer Motion, CSS-in-JS, JSS

Database & Storage: MongoDB, SQL, PostgreSQL, Redis, GraphQL

DevOps & Cloud: Git, Yarn, pnpm, npm, Webpack, GitHub, AWS, GitHub Actions, Vercel, Render.com, Fly.io, Bitbucket, Bun.js, Netlify

Other: ES6, HTML5, CSS, TailwindCSS, VSCode, PyTorch, NumPy, Figma, Jira