Abbas Askari

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Career Objective

Passionate Full Stack Developer with expertise in MERN, Next.js and AWS. Experienced in building scalable web applications, integrating AI solutions, and collaborating using Git. Strong problem-solving mindset, cross-functional collaboration experience, and a keen eye for reliability, performance, and user experience. Looking to join high-impact teams at leading companies.

Education

B.Sc. in Computer Sciences, 3.5/4 CGPA   Expected 2026

Skills

Programming Languages & Technologies:

- **Frontend:** Next.js, React.js, Redux, Typescript, Tailwind CSS
- **Backend:** Node.js, Web Sockets, Supabase(Auth, Storage(files), DB, Edge Functions)
- **Databases:** Postgresql, MongoDB
- **Cloud (AWS):** Lambda, EC2, APIGateway, DynamoDB, SQS, ECR, SAM CLI, S3, Cloudfront
- **Tools:** Docker, Git/GitHub, Socket.io, CI/CD, Sentry, CMS, etc
- **Learning Currently:** GoLang

Experience

Full Stack Developer, BrainBox Automations (Remote)   Apr 2025 – Present

- Set up robust CI/CD pipelines for automated testing and deployment processes.
- Managed AWS deployments and infrastructure optimization for production environments.
- Deployed background workers executing scheduled jobs (via CRON) that track progress in DynamoDB and poll Meta Ads API for status updates.
- Built scalable applications using Next.js, Redux, and Supabase for comprehensive full-stack development.
- Developed Stripe subscription and trial management systems, handling various payment scenarios and user lifecycle management.
- Built Cloudflare Workers acting as secure proxies for third-party paid service APIs with dynamic credential management.
- Created Slack bots using the Slack API for automated team workflows.

Software Engineer, Infinity Beyond (Remote)   Sep 2024 – Mar 2025

- Developed a hospital administration platform using Flask, React, AWS, Redis, and Docker.
- Implemented complex spreadsheets on the frontend with cross-page data matching, custom views, and advanced validation rules.
- Built dynamic data visualizations and interactive graphs to analyze administrative data trends.

Software Engineer, Victreat (Onsite)   June 2024 – Sep 2024

- Developed victreat.com website using NextJS.
- Scraped 500,000 documents from medical websites.

Angular Developer, Adept Tech Solutions (Hybrid)   Sep 2023 – Dec 2023

- Helped develop webpages using Angular.

Projects

Turtle Interpreter turtle-interpreter.vercel.app
- Developed a custom programming language with a bytecode compiler and virtual machine written in Go.
- Implemented a single-threaded, event-loop–based runtime with fast asynchronous I/O comparable to Node.js.
- Deployed securely on AWS Lambda with sandboxing (disabled network, file system, and OS access) for safe online execution and testing.

Portfolio abbasaskari.vercel.app
- Built a personal portfolio website showcasing my skills and projects.

Code Judge On AWS codejudge.vercel.app
- Developed a LeetCode clone with APIGateway for WebSockets, EC2 for a worker, S3 for problem storage and SQS for queues.

Gone But Never Forgotten
- A memorial site using Next.js, Clerk for auth, R2 for file storage, and Nodemailer for mailing.
- Created a platform for users to share memories and tributes with secure authentication.

Reactify reactify141.vercel.app
- A Drag-and-Drop website builder which generates React code. Built with NextJS and MongoDB.

Chat App
- Chatting app using MERN, Redux, and Socket.io with group chatting and S3 for file transfers.