RAMI L. HANIN

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SKILLS

Java, Typescript, Javascript, C++, Python, React, Tailwind, SQL, PostgreSQL, HTML, C#
GraphQL, Redis, Git, Linux, Bash/Zsh, RESTful APIs, Docker, Unit Testing, Node
Visual Studio, VS Code, PuTTY, Adobe Suite, LaTeX, Unity

EXPERIENCE

Aug 2022 — Present

Topbloc, Chicago, IL
Software Engineer I

- Launched a revenue-generating company vertical by collaborating with cross-functional development team to develop and deploy the product end-to-end, achieving market readiness within 12 months.
- Scaled Java backend infrastructure horizontally, deploying a new customer-facing functional area to enhance product capabilities, and drive user engagement.
- Enhanced mission-critical Java infrastructure, developing business insights that reduced consultant workload and minimized customer errors through optimized processes.
- Engineered and optimized GraphQL queries and API performance by removing, consolidating, and refining redundant processes, reducing user load times by 50%+.
- Built features with React/TypeScript, including an export data tool and redesigned configuration page, streamlining workflows and reducing support requests through intuitive design.
- Contributed to a major front-end dashboard overhaul, collaborating with UX and product teams to modernize the interface and improve usability.
- Led end-to-end security overhaul, conducting penetration testing, defining technical requirements, and implementing safeguards like RBAC and API obfuscation to mitigate critical vulnerabilities.

Sept 2019 — June 2024

Flyers Aquatic Swim Team, St. Louis, MO
Lead Coach

- Managed over 35 swimmer regiments, including daily workouts & training
- Trained students to numerous accolades, including to multiple State Championship medals
- Implemented performance tracking for all athletes to confirm training effectiveness
- Oversaw documentation, trainings & deadlines to ensure competition preparedness

PROJECTS

Apr 2022

Corgle.tech
Hackathon

- Architected MongoDB database & mapped dataset to collections for scalable data integration
- Created a RESTful API to access the database using Typescript & NestJS
- Investigated & fixed complications related to connecting database to front-end asynchronously
- Awarded Cigna's Most Accessible Hack out of over 35 teams

Apr 2021

Shinegrab.tech
Hackathon

- Designed data analysis tool for improving at Super Smash Brother's Melee gameplay
- Integrated Slippi SDK to read match replay files & access every frame & gamestate
- Engineered custom parsing algorithms to identify complex player movement techiques
- Awarded a Top 5 Finish out of over 30 teams

EDUCATION

Aug 2022

The University of Missouri - St. Louis
B.S Computer Science