Misha Golikov

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EDUCATION

Temple University   Sep 2017 – May 2022
Computer Science - Bachelor of Science   *Philadelphia, PA*

EXPERIENCE

Junior Software Engineer   Jun 2023 – Present
Perficient   *Philadelphia, PA*

- Developed a visually appealing and user-friendly UI, utilizing React, Next.js, and HTML/CSS based on client requirements and mockups, ensuring responsiveness across devices and optimal user experience, reducing bounce rates by 20%.
- Implemented a variety of major features and pages, creating TypeScript hooks to receive and process back-end and database user, product, and store data, decreasing API response times by 25%.
- Integrated back-end functionality using Java to develop REST APIs that managed product catalogs, user authentication, order processing, payment workflows, inventory control, and search indexing, resulting in a 15% improvement in order processing times.
- Optimized SQL database schemas and queries to handle product catalogs, user authentication, and order processing, reducing query execution times by 30% and improving data retrieval accuracy and concurrency handling.
- Managed deployments and created releases of the front-end and back-end codebase to the production server using Azure DevOps.

Web Developer   Mar 2022 – May 2023
Celadon, LLC   *Philadelphia, PA*

- Designed and developed custom e-commerce progressive web applications using React.js, JavaScript, and HTML/CSS to create responsive and visually appealing user interfaces, increasing new customer acquisition by 15% on average.
- Built and maintained back-end functionality by developing REST APIs with Python and Flask to manage product catalogs, order tracking, and payment processing, ensuring seamless integration with front-end components.
- Deployed and hosted applications on AWS using EC2, S3, and RDS alongside PostgreSQL to optimize scalability, availability, and storage, resulting in a 20% improvement in average page load times.
- Advised new and existing clients on the management and optimization of their commerce sites, providing tailored strategies and growth tactics that increased client revenue by an average of 15%.

PROJECTS

Pill.io | *Python, JavaScript, SQLite, Flask, AWS, OpenCV*   Jan 2022 – May 2022

- Led the development of a progressive web app in conjunction with NVIDIA Jetson hardware to build an automated facial recognition pill sorter and dispenser, implementing OpenCV for real-time facial recognition, to be used in care facilities and homes.
- Engineered back-end functionality with Python and Flask, utilized SQLite for efficient database management, and created a dynamic UI with JavaScript and HTML/CSS, ensuring a seamless and responsive user experience.
- Assumed the role of team lead and scrum master, guiding the project through its lifecycle, while coordinating tasks and ensuring smooth collaboration using Jira and Git for project management and version control.
- Secured the #2 rank in the CS Department's Capstone Projects during the Spring 2022 semester.

TECHNICAL SKILLS

Back-End: Java, Python, C#

Front-End: TypeScript, React.js, Next.js, JSON, HTML/CSS, Tailwind CSS

Database: MySQL, SQLite, PostgreSQL

Other: Flask, AWS, Azure DevOps, REST APIs, Git, Jira, Figma