

Christopher Faxon

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SUMMARY

Experienced Software Engineer with 3 years of experience in developing scalable and efficient software solutions. Proficient in multiple programming languages, including Java, Python, C# .NET, JS/TS, and experienced in agile development methodologies. Seeking a new Software Engineering opportunity to contribute to the development of innovative software solutions that drive business growth.

SKILLS

Front end: React, Angular, JavaScript, TypeScript, CSS, HTML, JSP

Back End: Java, Spring, C# .NET Core, Python flask, Express.js, Spring boot, Solidity Smart Contracts

Database: MSSQL, Oracle SQL, DB2 SQL, DynamoDB, MongoDB, SQLite, PostgreSQL

EXPERIENCE

Software Engineer | InterPro Solutions

Jun 2022 - Present, Stoneham, MA

- Led full stack development of 25+ EAM mobile web app solutions using Java Spring Boot, Angular, TypeScript, and JavaScript. Efficiently debugged and resolved issues reported by users, and handled all project management and client communication throughout the development cycle.
- Created and optimized runtime and results of SQL queries on a wide array of client-specific database providers.
- Headed development and implementation of internal issue-tracking systems using Python and Microsoft Graph API, leading to a reduction of over 500 hours per year.
- Collaborated with CTO on next-gen deployment method utilizing RedHat OpenShift container platform.
- Brainstormed, prototyped, developed, and then tested new features for a work planning app, integrating AWS DynamoDB, AWS Lambda functions, and Microsoft Graph API to synchronize work plans between InterPro's planning app and Microsoft Planner.

Software Engineer Intern | Broadridge Financial Solutions

May 2021 - Aug 2021, New York, NY

- Collaborated with the Shadow Financial team to enhance the back-office trading software for global brokerages.
- Managed dozens of tickets from end users, successfully troubleshooting and resolving UI, backend, and database bugs to enhance system functionality.
- Enhanced logging system for the entire software suite, optimizing the issue review process for end-users by reducing log loading and searching time by 90%.

Software Engineer Intern | PrecisionCare Software

Aug 2020 - May 2021, New Paltz, NY

- Utilized Xamarin and C# .NET Core to develop a cross-platform mobile app allowing healthcare providers to log outpatient visits, resulting in 80% time savings over the previous pen-and-paper method.
- Utilized C# .NET Core to create a Microservice to work with Twilio's Phone API to create a telephony outpatient visit logging system to work in conjunction with the aforementioned mobile app.
- Created a proof-of-concept HIPAA-compliant telehealth app with React.js.

PROJECTS

DiffEx (Co-Founder)

diffex.dev

- Fully functional financial derivatives exchange for ERC20 cryptocurrency tokens.
- Ethereum DApp running jointly on an Ethereum Smart Contract and a .NET C# web API utilizing a PostgreSQL database.
- Utilized Entity Framework Core as an ORM system. Frontend built in React TypeScript, utilizing various UI component libraries.

TutorBase | Rensselaer Center for Open Source

August 2021 - May 2022

- Through the Rensselaer Center for Open Source, created a team with 5 other students to create a peer-to-peer tutoring network for RPI, connecting students with tutors to help them learn.
- Employed Express.js for backend development, integrating a MongoDB NoSQL database for efficient data management.

EDUCATION

Bachelor of Science in Computer Science | Rensselaer Polytechnic Institute

Minor in Economics, Troy, NY, 2022

- Dean's Honor List