RYAN PETERSON

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SUMMARY

Self-motivated professional with over 3 years of experience in technology consulting seeking to apply technical problem-solving skills and an engineering mindset to a dynamic team. Proven track record in high-pressure tech implementations for top clients – transforming business requirements into scalable, sustainable models. Versatile software engineer with experience in backend development, API integration, and QA automation, currently expanding frontend skills in React and TypeScript. Comfortable working across the full stack and collaborating closely with design, product, and engineering teams.

EXPERIENCE

Software Engineer – *Ernst & Young, New York, NY*   August 2024 – Present
Project: *QA Tester for Spring API Migration*

- Develop test scripts for 100+ endpoints utilizing Postman and Azure DevOps, improving testing efficiency by 30%
- Triaged and debugged functional and security issues in pre- and post-deployment environments, collaborating cross-functionally to resolve production defects and improve system uptime
- Implemented CI/CD pipelines and automated backend testing to streamline deployments, reduce production bugs, and support faster Mean Time to Recovery (MTTR) metrics
- Validate pre and post migration results of migrating the cloud proxy layer from MuleSoft applications to highly scalable Flex Gateways, ensuring a smooth transition and system integrity

Project: *Java Microservice Developer for Spring API Modernization*

- Designed and developed 10+ RESTful API endpoints using Java and Spring Boot to support user profile features in a microservices architecture, following the team-defined coding standards and unit testing best practices
- Engineer and optimize REST APIs that resulted in a 25% increase in average request count, significantly enhancing system performance and user experience
- Transform business requirements into production-ready REST APIs, enhancing alignment with client needs
- Created in-depth technical documentation for 20+ REST APIs, enhancing traceability and client training operations

Technology Consultant II – *Ernst & Young, New York, NY*   August 2022 – August 2024

- Supported four software models through quarterly forecast cycles, conducting root cause analysis and defect remediation, drafting solution designs, and leading change management efforts to reduce cycle defects by 67%
- Directed offshore development team of two, leading calls twice a day providing technical feedback and guidance on model build solutions to ensure timely delivery, keeping simultaneous projects on track
- Created and maintained 20+ data connections to integrate model with AWS to allow seamless transferring of forecast data from model to final reporting dashboards
- Optimized pre-existing model structure, adhering to leading practice, reducing overall model size by 35% to increase model performance and provide direct financial savings to client
- Conducted requirements gathering sessions, write user stories and test scripts, and develop current state vs future state software diagrams to transform business needs into actionable technical build items

SKILLS

Learning Agility • Gen AI • API Testing • Solution Design • Agile • Detail oriented • Tech Implementations • Client Facing

TECH STACK

Programming: *Java, JavaScript, HTML, CSS, Golang, Python, SQL*
Frameworks: *Spring Boot, Next.js, Node.js, React.js*
Architecture: *RESTful APIs, Microservices*, CI/CD
Tools: *Postman, IntelliJ Idea, ADO Board, Copilot, GIT, GitHub, VS Code*

EDUCATION

Lehigh University, B.S in Mechanical Engineering • B.S in Integrated Business & Engineering • Minor in Aerospace Engineering