

# Patrick Lang

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Somerville, MA

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## Full Stack Developer

### Drive Application Development through Clean Coding and Cross-functional Collaboration

Partner with product development, testing, design, application programming interface (API), and infrastructure teams to deliver high-quality applications with maintainable, legible code, and documentation. Meet business needs as effective communicator and independent and motivated team player with a self-starting attitude, excellent oral and written communication skills, and strong practical judgement. Expand competencies as continuous learner always excited to learn new tools, languages, and workflows.

**Agile Software Development | Software Development Lifecycle (SDLC) | Object-Oriented Programming**

**Continuous Integration Continuous Delivery (CI/CD) | 3rd-Party Integration | Technical Documentation**

**Full Stack Development | Front End Development | Back End Development**

## Technical Skills

<b>Professional usage:</b>	JavaScript, HTML, CSS, Node, React, Jest, Express, Axios, Bootstrap, GitHub, Jira, Postman, Jenkins, LaunchDarkly, Vault
<b>Intermittent or non-professional usage:</b>	Python, SQL, DBeaver, Vertica, YAML, ThreeJS, ChartJS, Rafay, SumoLogic, Kafka Confluent Cloud, MongoDB. Ongoing training in Java, Data Structures and Algorithms

## Professional Experience

**MASSMUTUAL LIFE INSURANCE CO**, Boston, MA

2022 - Present

### Full Stack Developer

Served on high-impact Agile team to build quality policy-servicing software for financial professionals with > 70K average monthly sessions. Applied cross-functional skillset to broad aspects of application development, from ideation to technical review, development, code review, testing, stakeholder presentation, and documentation.

- Achieved major business goals collaboratively with on-time release of ServiceNet 2.0, improving user experience, then reduced service representative expenses by contributing to digitalization of 9 new policy transactions over subsequent 18 months.
- Maintained application integrity by working with infrastructure teams on API gateway transition (DataPower to Kong), as well as AWS Landing Zone, Kafka Confluent Cloud, and Vault SaaS migration.
- Drove efficiency by establishing and documenting team processes such as Thymeleaf HTML email template creation, Communication API troubleshooting, LaunchDarkly feature flag version documentation, and Docusign template creation.
- Anticipated stakeholder needs and influenced application feature discussions by developing agent aggregate data visual dashboard proof of concept.
- Initiated, drafted, and executed high-performing team self-assessment survey and discussion to assess team Agile performance and improve team communication.

**UNC CHAPEL HILL**, Chapel Hill, NC

2019 - 2021

**Teaching Assistant Professor**

Developed and delivered university-level Russian and German language courses to drive undergraduate cultural and foreign language education.-

- Ensured cohesive instruction and maintained tight deadlines by managing teams of 3-4 graduate student instructors.
- Met shifting business needs by organizing pandemic-era teaching and testing methodologies.

**DUKE UNIVERSITY AND UNC CHAPEL HILL**, Durham, NC and Chapel Hill, NC

2012 - 2019

**PhD Candidate and Graduate Instructor**

Researched, wrote, and successfully defended book-length thesis on midcentury German theater and advanced state of discipline by sharing research publicly in conferences, presentations, and colloquia.

- Coordinated with stakeholders and experts, ensuring quality of research outputs.
- Helped drive undergraduate linguistic education by teaching German language and culture courses, seminars, and recitations to classes of 8 - 40 students.
- Received the Departmental Rita Stambaugh-Frank Borchardt Essay Award in 2014 for graduate student writing.
- Received the Duke German Helga Bessent Teaching Award in 2017.
- Received the UNC German Siegfried Mews Award for Excellence in Teaching German in 2015.

**WOODROW WILSON INTERNATIONAL CENTER FOR SCHOLARS**, Washington, DC

2010 - 2011

**Research and Office Intern**

- Streamlined professional academic research by identifying, reviewing and summarizing materials on language shift in Caucasus region of Europe.

**Education**

**Doctor of Philosophy (PhD)**, Carolina-Duke Graduate Program in German Studies, Duke University, Durham, NC, and UNC Chapel Hill, NC

**Master of Philosophy (MPhil)**, Comparative Literature, Trinity College Dublin, Dublin, Ireland

**Bachelor of Arts (BA)**, Political Science, State University at New York, Buffalo, NY

**Trainings**

Green Belt for JavaScript / Node.js - Security Journey

**Languages**

**English**, native | **German**, near-native | **Russian**, advanced