Emma Juettner - Software Developer

SKILLS

- ❖ Java, Spring Framework, Maven, Junit, Mockito
- ❖ SQL, Oracle SQL, Microsoft SQL Server, Db2, PostgreSQL
- ❖ SOAP, REST, and GraphQL APIs
- ❖ Python, Flask, Jupyter
- ❖ HTML, CSS, basic familiarity with Javascript
- ❖ Linux, Bash
- ❖ Cucumber, Karate
- ❖ Postman, Insomnia
- ❖ Git, GitLab, GitHub
- ❖ Jenkins, GitLab CI/CD, GitHub Actions
- ❖ Kubernetes, Docker, Rancher
- ❖ Splunk, Kibana, Datadog
- ❖ Fortify, Black Duck, Twistlock, SonarQube
- ❖ Jira, VersionOne
- ❖ Agile, Scrum

CERTIFICATES

- ❖ AZ-900: Microsoft Azure Fundamentals (Dec 2022)
- ❖ AI-900: Microsoft Azure AI Fundamentals (Aug 2024)

CONTACT

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emmajuettner.com/resume

WORK EXPERIENCE

U.S. Bank - Chicago, IL

Software Engineer (May 2022 - Present)
Associate Software Engineer (March 2021 - May 2022)
Agile Software Developer (June 2020 - March 2021)

- Maintained and developed Disbursements via Zelle, a B2C payments application.
- Built REST API endpoints, Spring Batch jobs, and bash scripts.
- Ran our production releases as part of a rotation with other engineers on the team.
- Improved team's Jenkins build/deployment pipelines, making them less error-prone and reducing the duration of our production releases from over an hour to under 30 minutes.
- Created a custom Groovy library which sent our unit test results from Jenkins to Zephyr/Jira for auditing traceability.
- Wrote unit tests using Junit/Mockito and increased code coverage on our application to 80%.
- Investigated and resolved incidents affecting customers.
- Analyzed production data and made recommendations for reducing error rates.
- Scheduled and managed batch jobs using Autosys Workload Automation.
- Updated JSP pages on our application's front-end.
- Remediated vulnerabilities using SAST tools including Black Duck, Fortify, and Twistlock.
- Participated in manual API testing and writing Cucumber automated tests.
- Collaborated with other teams at the bank to perform integration testing.
- Trained newer members of the team on our application and procedures.
- Wrote internal wiki pages documenting team's procedures.
- Demoed features to project stakeholders.
- Participated in all sprint ceremonies and used VersionOne/Jira to track work.

Software Developer Intern (June 2019 - August 2019)

- Worked as a junior member of Disbursements via Zelle team.
- Completed development tasks and demoed work to stakeholders.

Lake Forest College - Lake Forest, IL

I.T. Help Desk Student Worker (February 2018 - March 2020)
- Performed repairs on student and faculty computers, such as replacing batteries or keyboards.
- Fixed a wide range of software and hardware issues for campus computers and AV systems.
- Provided customer support in-person, via email, and over the I.T. help desk phone line.
- Created and updated tickets in the help desk's ticketing system.

Computer Science Department Tutor (January 2017 - May 2017)
- T.A. for Computer Science 112 (Intro-level Python course).
- Tutored students in Python and proctored exams.

EDUCATION

B.A. in Mathematics and Computer Science
Lake Forest College (2020)
- Senior Prize in Computer Science
- Minor in Spanish
- Executive board member of Computer Science Club
  - Ran workshops teaching creative coding tools such as Tracery, Twine, and Processing.
  - Tutored peers in Java and Python coursework.
  - Helped organize club projects, such as creating a club website and building an arcade machine.
- Richter Scholar Program - Summer 2017
  - Research project investigating the relationship between news sentiment and stock prices.
  - Analyzed a large news sentiment dataset from RavenPack, using Python and Pandas/NumPy to generate statistics and make predictions.
  - Presented findings at a student symposium.