





# Justin Fortin

Atlanta, Georgia   
678-427-5034   
justin@fortinj.com   
fortinj.com 

Senior Software Engineer with experience in designing and developing RESTful APIs and distributed stream processing systems in Java using open-source technologies.

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## Experience

JANUARY 2017 – PRESENT

### Senior Software Engineer / NCR Corporation Atlanta, Georgia

- Lead a team of engineers designing and developing cloud Loyalty and Stored Value microservices on the NCR Business Services Platform written in Java using Spring Boot and the Google Cloud Platform.
- Designed and developed a horizontally scalable distributed stream processing system leveraging Google Cloud PubSub and Google Kubernetes Engine to process and deliver hundreds of loyalty transactions per second in near real-time with multi-stage retry logic guaranteeing no loss of data.
- Built automated end to end performance and reliability testing solutions to ensure code quality and proactive monitoring and alerting systems to detect and triage issues before customers report them.
- Mentored fresh college graduate engineers both on my team and on other teams in the organization in software development best practices and essential business skills.

MAY 2016 – JULY 2016

### IS Security Operations Intern / Publix Super Markets Lakeland, Florida

- Developed a Technical Threat Management program to help identify potential threats to the company's infrastructure and mitigate them before they became a problem.
- Built an automated tool in Python to intake threat news, automatically analyze the data, and disseminate the useful information to infrastructure teams, with a .NET UI to view and manage the gathered data.

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## Education

DECEMBER 2016

### B.S. Computer Science / Kennesaw State University Marietta, Georgia

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## Skills

- 4+ years professional Java experience developing RESTful API solutions
- Spring Boot/Cloud/Data, Hibernate JPA, PostgreSQL
- Junit, Cucumber, Clover, Gatling
- Google Cloud PubSub/Kubernetes Engine/Stackdriver
- Jira, Kanban/Scrum Agile frameworks