

Nicholas Hagans

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SUMMARY:

Senior software engineer with over ten years of professional experience developing and implementing interactive applications. Has experience as a technical lead of an agile team, a role that involved creating and working on technical solutions for new features, planning user stories and tasks along with the product owner, leading Scrum ceremonies like daily standups and retrospectives, and managing team velocity.

COMPETENCIES:

- Software development and testing
- Team Management
- Agile Sprint Planning and Execution
- ElasticSearch query and template creation

SUMMARY OF SKILLS, TOOLS, AND TECHNOLOGIES:

Programming Languages: TypeScript, HTML/CSS, Python, Java

Frameworks/Libraries: Angular, Sveltekit, NodeJS, Selenium, Protractor/Jasmine/Chai

Database Experience: ElasticSearch, HBase, AWS DyanmoDB

Miscellaneous Tools: Git, AWS SQS, AWS Lambda, Jira, Confluence, Bitbucket

EXPERIENCE DETAILS:

riskCanvas at Genpact, Senior Software Engineer 01/2019 – Present

- Manage a team of developers to create a commercial product aimed at assisting financial institutions in the fight against money laundering.
- Lead Scrum ceremonies such as team retrospectives, sprint plannings, and sprint demos.
- Develop interactive and user-friendly applications using Angular, Java, ElasticSearch, HBase, and AWS tools like AWS Lambda (with Python), SQS, and DynamoDB.
- Create complex ElasticSearch queries to retrieve data based on “messy” data such as names and addresses.
- Plan agile sprints and determine tasking priorities through discussions with the product owner and client representatives.
- Collaborate with other members of riskCanvas leadership to determine project processes, goals, and maneuver around team wide blockers.

Booz Allen Hamilton, Inc., Software Engineer 10/2015 – 01/2019

- Developed interactive and user-friendly applications using Angular and AngularJS.
- Led a UI development team.
- Planned agile sprints and determined tasking priorities through discussions with business analysts and product owners.
- Worked with RESTful endpoints to provide data to widgets and dashboards.

Office of Research, Evaluation, and Program Support, Research Intern 02/2015 – 07/2015

City University of New York, New York, NY

- Created interactive and informative maps to help inform City University of New York (CUNY) policy decisions (ArcGIS and CartoDB).
- Cleaned data collected by CUNY researchers to display on created maps (Python).

Center for Urban Science and Progress, Graduate Research Assistant 10/2014 – 05/2015

New York University, New York, NY

- Designed and developed a native Android application to collect and store Wi-Fi data as researchers walk through New York City (Java, Android SDK).
- Documented Java code using Doxygen Eclipse plugin.
- Created and managed a server-side data ingestion system built with the Django Python framework on a virtual Unix server that stores data from Android application in a MySQL database (Django, Python, and SQL).

EDUCATION:

M.S. Applied Urban Science and Informatics, New York University, 2015

B.S. Physics, James Madison University, 2014