

# DAMINI GANESH

Software Developer | Illinois Institute of Technology  
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## WORK EXPERIENCE:

### Cove.Tool

Atlanta, GA

Full Stack Developer

June 2018 - PRESENT

- Developed and updated features for the web-based SaaS platform using Django-python stack which aided in a more useful and accurate optimization of results.
- Spear headed the integration of React for a faster rendering web app, dynamic data display, and an easy to access interface with a consistent look and feel.
- Collaborated with teams for feature ideas, algorithms and technology selections, sprint planning, code reviews with git, and deployment utilizing AWS ECS and docker images.
- Documented the existing software architecture for new recruits to understand the software's modules and components without digging into the code.
- Trained new employees (Developers) on the architecture and process used at Cove.tool.
- Implemented automated testing for features using pytest to reduce bugs encountered during behavioral testing.
- Built sales admin dashboard and a wide range of tools for internal use including npm packages for reusing react components and API code.

### Illinois Institute of technology

Chicago, IL

JavaScript Developer

June 2017 - May 2018

- Optimized and refined features to aid university wide launch of Planon, a global IWMS software tool.
- Customized the application to make it suitable and efficient for back-end users as well as front-end staff and faculty.
- Updated user issue forms using ES6, HTML5, JS validation and DOM Manipulation for clear, concise, & responsive UI.
- Elected algorithm for sorting user issues based on priority.

Student Worker, Tech Administrator

January 2017 - April 2017

- Assisted students, faculty, & staff with technology issues by providing technical support via Issue tracking system
- Troubleshooted issues via phone calls, emails and face-to-face walk-in consultations.

## EDUCATION:

### Illinois Institute of Technology

Chicago, IL

Master of Computer Science

August 2016 – May 2018

**Relevant Coursework:** Software Systems Architectures, Programming Project Management, Object-Oriented Design Patterns, Advanced Database Organization, Introduction to Algorithms, Enterprise Web Application, Software xTesting and Analysis.

### Visvesvaraya Technological University

Bangalore, India

Bachelor of Engineering

August 2012 – June 2016

**Relevant Coursework:** Software Engineering, Software Architectures, Unix and Shell Programming, Programming the Web, Object Oriented Programming with C++, Software Testing Laboratory, Object-Oriented Modeling and Design, Database Management Systems, Software Testing

## PROJECTS:

### UrbanAfric

- Created and customized e-commerce website with Wordpress, jQuery and CSS; used Stripe API to set up billing and hosted website with GoDaddy.

### Enterprise web applications

- Developed an e-commerce application using JSP, Servlets and HTML. Implemented Auto completion feature using JavaScript and AJAX. Used MySql to store products and order information, and mongoDB to store reviews. Used python and twitter API to build a twitter feeds display section which shows the top feeds related to the product. Followed the object-oriented design principles and MVC architecture that made it reusable, flexible, and welcoming to iterations.

## SKILLS:

**Programming Languages:** Python, React.js, Django, JavaScript, jQuery, HTML, CSS, Java

**Web Development Stacks:** Python-Django, Django-React, MERN | **Database:** MySQL, PostgreSQL, MongoDB

**Applications:** Git, Microsoft Visual Studio, Atom, Celery, Eclipse, Apache Tomcat, Atom, Rollbar

**OS:** Windows, Mac, Linux | **AWS Skills:** S3, Ec2, SES, ECS, boto | **Familiar with:** Three.js, Vue.js, Pandas