

# Anand Patel

Software Engineer

[ipatelanand@gmail.com](mailto:ipatelanand@gmail.com) | 757-645-8811 | <https://github.com/ipatelanand>

## SUMMARY

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Software Developer with a passion for developing web-based applications and working across the full stack. Proficient in multiple programming languages to create optimized software. Able to translate science, social, and business requirements into technical solutions with user experience in mind. I thrive best in an atmosphere composed of creative team members and will contribute a passion for innovation and empathetic demeanor. My goal is to utilize technology to advance innovations toward a more balanced and productive society.

## TECHNICAL SKILLS

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**Front-end** // JavaScript, React, HTML, CSS, Bootstrap, and jQuery

**Back-end** // Java, Spring, Python, PostgreSQL, MongoDB, Node.js, and Express.js

### Information Systems and Analysis and Design

- Object oriented methods for information systems analysis and design for organizations for data processing needs.

## SAMPLE OF PROJECTS

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### [Tweet-City](#) // [GitHub](#)

- Developed a full stack social media SPA with CRUD functionality modeled after Twitter. Users can update their profile page, post publicly, and follow other users. Uses JavaScript, Authentication via bcrypt, Express.js, Mongoose, MongoDB, CSS, and HTML

### [ResInvest](#) // [GitHub](#)

- Created a residential software investment analysis application. Full stack SPA with CRUD functionality. Uses JavaScript, HTML, CSS, React, Java, Spring, and PostgreSQL. When users input a posting of a property with basic information of listed price, HOA, taxes, rental values, and occupancy, it will score the property on a scale of 1-10 whether it is worth for use as traditional rental or AirBnb model rental or not at all.

### The New Spotify // [GitHub](#)

- Utilized the Spotify API for a custom web application. User can search artists and their discography is returned. Uses JavaScript, jQuery, AJAX, HTML, and CSS

## EXPERIENCE

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Software Engineer Immersive Fellow – General Assembly

11/20-02/21

- Developed user-friendly web applications using full-stack JavaScript and several other programming languages, libraries, and frameworks.

Research Assistant – Questrom School of Business, Boston University

01/20-05/20

- Reviewed over 5000 patents for the Reliance on Science in Patenting project. It required algorithmic analysis with the purpose of generating a Wikipedia type of application for scientific references.

IT Helpdesk - A H Hospitality, Inc.

09/17-12/19

- Oversaw Oracle based software installations, updates, and troubleshooting in Hotels as part of the IT department staff.

## EDUCATION

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**Software Development, Master of Science**

01/20-Present

Metropolitan College, Boston University, remote

**Biological Sciences, Bachelor of Science**

08/13-05/17

College of Science, Virginia Tech, Blacksburg, VA