

Ria Vadhavkar

riavadhavkar.github.io | github.com/riavadhavkar | [linkedin.com/in/riavadhavkar](https://www.linkedin.com/in/riavadhavkar) | vadhavkar.ria@gmail.com

EXPERIENCE

- Software Engineer** Jul 2023 – Present
Fannie Mae Reston, VA
- Built a financial loan management emulation in Java and Spring with SQLite persistence, enabling teams to validate loan scenarios end-to-end with automated testing via Jasmine and Selenium
 - Leveraged AWS services to enhance resilient, cost-effective microservices used by 148+ cross-organizational squads
 - Boosted developer technical documentation search efficiency by 85% and streamlined DevOps processes through continuous pipeline upgrades
- Software Engineer Intern** Jun 2022 – Aug 2022
Fannie Mae Reston, VA
- Revamped the UI of the API Ecosystem Team's Developer Portal on developer.fanniema.com using AngularJS, Drupal, and Jenkins, improving navigation and developer onboarding experience
 - Onboarded scalable APIs and UIs for internal teams and external partners, verifying reliability through Postman and Apigee testing
- Undergraduate Teaching Assistant** Jan 2023 – May 2023
Virginia Tech Department of Computer Science Blacksburg, VA
- Tutored students in Comparative Languages, covering in-depth study of current and historical programming paradigms
- Webmaster** Apr 2021 – May 2023
Association of Women in Computing at Virginia Tech Blacksburg, VA
- Redesigned AWC website for improved user experience, updating and maintaining it with opportunities for 200+ members

EDUCATION

- Virginia Tech** Aug 2020 – May 2023
Bachelor of Science in Computer Science; GPA: 3.7/4.0 In-Major, 3.5/4.0 Overall Blacksburg, VA
- Northern Virginia Community College** Aug 2019 – Aug 2020
Associate of Science in Computer Science w/ Honors; GPA: 3.8/4.0 Annandale, VA

PROJECTS

- Spotless** | *ReactJS, TailwindCSS, Python, Flask, MySQL, Spotify API* Jan 2023 – May 2023
- Built a full-stack music review platform powered by the Spotify API, enabling users to search albums/tracks, write reviews, rate music, and curate personal favorites lists with listening statistics
- Aerial** | *VueJS, TypeScript, MySQL* Jan 2023 – May 2023
- Designed and built an online comic-book store where users can browse, filter, and simulate purchasing publicly available e-books, with MySQL-backed catalog persistence
- Fert (HackViolet 2023 Honorable Mention)** | *ReactJS, Flask, Figma* Feb 2023
- Led UI design in Figma and frontend development for a web app that addresses food deficit by helping users plan and track backyard food gardens, built with a Flask backend in a team of four
- StudentAngle (VTHacks 9 Most Creative Use of GitHub)** | *Kotlin, Python, Beautiful Soup* Feb 2022
- Led design for an Android app that aggregates 6,000+ classes across 129 subject areas at Virginia Tech into a searchable, user-friendly interface, built with Kotlin and Python's Beautiful Soup for web scraping

TECHNICAL SKILLS

Languages: Java, Python, JavaScript, TypeScript, C, Kotlin, Swift, Ruby, HTML/CSS, SQL
Frameworks: ReactJS, AngularJS, VueJS, Spring, Flask, Node.js, TailwindCSS, Bootstrap, Chart.js
Developer Tools: Git, Docker, AWS, Jenkins, Postman, Selenium, JUnit5, Jasmine, Gradle, Apigee, Swaggerhub, Bash, Figma, Drupal
Databases: MySQL, SQLite