

Tanuka Das

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TECHNICAL SKILLS

- **Proficient:** Java, JavaScript, React.js, SQL, HTML5, CSS3, Ruby on Rails, GitHub, Git
- **Exposure:** Python, Spring-boot, JSP, Maven, RESTful APIs, HTTP, Agile Development Management

PROFESSIONAL EXPERIENCE

NYS ITS | Java Software Developer (ITS Specialist 2)

Jan 2023 - Present

- Modernizing softwares for the Architecture & Framework team of the Tax & Finance Department using Java, Spring-boot, SQL, and RAD.
- Implemented both frontend & server side of search features which filters through a large data-set, utilizing Java, SQL, Spring Boot, RAD and Data Studio technologies, resulting in optimization of search time by 90%.
- Communicated technical issues and information effectively, both verbally and in writing, with functional and technical staff to gather technical requirements.

NYS ITS | 12 Weeks Java Training

Sept 2022 - Dec 2022

- Completed a comprehensive Java bootcamp that provided in-depth training on essential concepts such as object-oriented programming; successfully built & presented a fully functional Java project as part of the requirement.

Varsity Tutors | Computer Science Tutor | Remote

Nov 2020 - Oct 2022

- Enhanced students' knowledge on subjects related to Algorithms and Data Structure to aid students in executing assigned projects by building fundamentals in JavaScript, HTML5, and CSS3, ensuring 100% student pass rate.

OneOrigin | Software Engineer | Norwalk, CT

Aug 2021 - March 2022

- Collaborated with clients and design team to understand project requirements and implement them using PHP, React.js, JavaScript, Drupal 8, and MySQL database.
- Developed functionalities (forms, validations, solr search display) using custom modules, controllers, views, and custom themes in a Drupal 8 app.
- Engineered web application pages using Twig templating to match Mockups provided by designers using PHP, Drupal, JavaScript, HTML, and CSS.
- Operated in an agile environment, completing Jira tickets to track the project development lifecycle.
- Constructed and debugged web app functionalities using PHP, props, routing, and lifecycle hooks to create component structure.

Advernation LLC. | Software Engineer, Intern | New York, NY

May 2017 - Aug 2018

- Modified, maintained, and debugged applications utilizing JavaScript, HTML, CSS, WordPress, Shopify, and PhotoShop; oversaw websites for 7+ legacy clients.
- Optimized SEO through editing keywords and layouts to maximize speed and scalability, increasing Google ranking by at least 15% and improving user engagement by over 2X.
- Redesigned applications, adding new functionality to increase web traffic, generate new leads, making it usable and pleasurable using JavaScript, WordPress, and PHP.

EDUCATION

Bachelor of Science in Computer Science, Brooklyn College, City University of New York

Dec 2018

PROJECT WORK

Book Escape | Software Engineer | [live](#) | [code](#)

Sept 2020

E-commerce book website focused on enabling easy purchase of best sellers through PayPal.

- Integrated context API, adding to cart functionality, and PayPal sandbox using JavaScript, React Native, and CSS3.
- Developed features such as popup modal, details page, quantity, and product delete to optimize app functionality and make it responsive, efficient, and interactive, utilizing JavaScript, React, and React Native.

DoNation | Software Engineer | [code - front end](#) | [code - back end](#)

Aug 2019

Charity app empowering users to research numerous charitable organizations to award donations.

- Developed filter, search, and online payment systems utilizing JavaScript, React, Ruby on Rails, and PostgreSQL.
- Engineered Ruby on Rails back-end, implementing the Pledgeling API and Stripe API to display donation resources and build credit card payment features.
- Constructed chatbot leveraging JavaScript and React chatbot components to provide static chat experience for users.