

Dhrubo Talukder

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FULL STACK WEB DEVELOPER | SOFTWARE ENGINEER

Full stack developer with professional experience in Java, Ruby, JavaScript, and SQL, focusing on creating applications with strong user interface (UI), user experience (UX), and responsive design. **Solutions-driven engineer** who perceives situations differently while developing ideas and approaches to resolve unique problems, engaging with invested customers. **Highly technical professional** with Computer Information Systems background, experience in IT Administration, and who participates in hackathons, recognizes patterns, develops solutions, and writes clean code.

TECHNICAL SKILLS

Java, Springboot, AWS, Jenkins, React, TypeScript, Angular, Ember, JavaScript, HTML, CSS, Figma, Ruby on Rails, SQL, Sqli3, MySQL, Google Firebase, Cloud Firestore, PostgreSQL, AWS, Sinatra, Bootstrap, Material-ui, ZenHub

TECHNICAL PROJECTS

Vaccinfo - [Github-COVID Post-Vaccine Symptoms](#) | [Live App](#) | For **CUNY Hackathon Winter 2021**, collaborated with a team and built a community-based website collecting and providing information on side effects of COVID-19 vaccine.

- Used Recharts library for React to best visualize vaccine data; implemented strong UI, employing React frontend.
- Focused on and developed responsive design across multiple platforms using Material-ui

Circle - [Github-Circle](#) | [Demo](#) | Social media platform that opens a window for users to share and cherish daily life and special moments with each other.

- Utilized Bcrypt, Sessions, and Cookies to store and secure encrypted user information server-side.
- Achieved full CRUD functionality through Rails API for effective backend.
- Implemented user interface, employing React and Redux frontend.
- Focused on and developed responsive design across multiple platforms using Bootstrap.

Space Shooter - [Github-Space Shooter](#) | [Demo](#) | Shooting game where users explore specific missions and compete for the high score.

- Used JavaScript to manipulate DOM for interactive user experience.
- Developed Rails API for backend with endpoints for both user and game data.
- Employed custom CSS for strong styling and user interface.

PalmKings - [Github-PalmKings](#) | [Demo](#) | Marketplace for buying and selling cell phones.

- Stored, encrypted, and secured user information server-side, utilizing Bcrypt, Sessions, and Cookies.
- Launched program for production using PostgreSQL and AWS S3 for persisting and returning data faster.
- Implemented user interface features employing Ruby on Rails, allowing for a more interactive user experience.
- Utilized Bootstrap for responsive design across multiple platforms.

EXPERIENCE

Citigroup | Tampa, FL | Full Stack Software Engineer | 01/2023 – Current

- Developed and managed an internal platform using Node.js and React, enabling seamless data exchange between various internal teams.
- Expanded and maintained infrastructure utilizing Spring Boot microservices, which accelerated collaboration between teams and ensured data quality across multiple platforms.
- Leveraged Kubernetes for deploying and managing containerized applications, enhancing scalability and reliability of the platform.
- Implemented CI/CD pipelines using Jenkins, streamlining the deployment process and reducing downtime.
- Conducted code reviews and optimized backend services for performance and scalability, ensuring high availability and consistent processing performance.

Revature | New York, NY | Full Stack Software Engineer | 10/2021 – 01/2023

- Developed and maintained web applications for clients using Spring Boot microservices and React.
- Implemented RESTful APIs using Spring Boot to handle data transactions and business logic.
- Built responsive user interfaces with React and Material-UI, ensuring a seamless user experience across various devices.

Student Opportunity Center | Alexandria, VA (Remote) | SOFTWARE ENGINEER | 03/2021 – 10/20/2021

- Create and write the API Documentation for the app using HTML, CSS, and jQuery.
- Transfer existing admin console from Python to Google Firebase using microservices and cloud functions.
- Manage and update UI with Angular and Angular Material for increased responsiveness and more interactive site.
- Oversee backend service; provide support for database and storage via Angular Firebase and Angular Firestore.

EDUCATION AND PROFESSIONAL DEVELOPMENT

Borough of Manhattan Community College (CUNY) | NYC, NY | ASSOCIATE IN APPLIED SCIENCE; Major: **Computer Network Technology** | 01/2021

Flatiron School | NYC, NY | FULL STACK WEB DEVELOPMENT, Ruby on Rails and JavaScript program | 09/2020

Technical Institute of America | NYC, NY | CISCO NETWORK ASSOCIATE; Routing and Switching | 12/2017