

# Priyanka Singh

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LinkedIn: <https://www.linkedin.com/in/priyanka-singh-94014719/> | GitHub: <https://github.com/singhpri30> |

Portfolio: <https://laughing-beaver-beb436.netlify.app/>

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Full-Stack Web Developer with experience in design, analysis, development, and testing of user interface framework in various web-based applications. Exceptionally dedicated professional with keen interpersonal, communication, and organizational skills. Strong analytical and troubleshooting skills combined with quality work within the period. An excellent collaborator with experience working in the Agile Team Model.

## TECHNICAL SKILLS

**Frontend:** HTML, CSS, JavaScript, jQuery, APIs, AJAX, JSON, React.js

**Backend:** Node.js, MySQL, MongoDB, Express.js, Oracle 10g, Sequelize, Mongoose

**DevOps:** GitHub, Heroku

**Ticket Management Tools:** JIRA, ALM, TFS, Mantis.

**Automation Tool:** QF-Test.

**Methodologies:** Waterfall and Agile.

**Cloud Platform:** AWS

## PROJECTS

### Envira | Full-Stack Developer|

**GitHub Repo Link:** <https://github.com/singhpri30/Envira>

**Deployed App:** <https://envira-bot.com/>

**Description:** Envira is an environmental app created using an artificial intelligence robot (Envira) to interact with users and read information. Envira is designed to have personality, a fun interactive way to deliver climate change data. A user (company or individual) can also create, join, and search environmentally friendly events. The rating system allows a user to determine the best events to attend. These events help to service the community and do our part in preserving our planet.

- **Responsibilities:** Designed Database models using Sequelize ORM, implemented user authentication using AWS Cognito service. Worked on user and company profile, used AWS S3 service to store profile images. Worked on APIs CRUD actions for user signup, login, event and rating.
- **Tools / Languages used:** HTML, CSS, React-Bootstrap, API, Axios, Sequelize, MySQL, React.js, Express.js, Node.js, AWS Services-Cognito, Lex, Polly, S3, EC2

### Booktivist | Back-End Developer|

**GitHub Repo Link:** <https://github.com/singhpri30/Booktivist>

**Deployed App:** <https://ancient-escarpment-64438.herokuapp.com/>

- **Description:** Kid Booktivist is an application that assists parents in their search to find books for their children that deal with issues of equality, diversity, equity and social justice.
- **Responsibilities:** Designed Database models using Sequelize ORM, implemented user authentication, and authorization functionality using passport.js. Worked on APIs CRUD actions for MyLibrary, User Registration and Book Add pages.

- **Tools / Languages used:** HTML, CSS, JavaScript, jQuery, Bootstrap, API, Ajax, Sequelize ORM, MYSQL, Passport.js, Express.js, Node.js, Postman.

### **Covid-19 Tracker |Front-End Developer|**

**GitHub Repo Link:** <https://github.com/singhpri30/Covid-Tracker>

**Deployed App:** <https://team-1-unh-bootcamp.github.io/Group-Project-1/index.html>

- **Description:** The COVID-19 Tracker is an application that will assist organizations across NH in administering their screenings as well as provide their staff with important resources, communications, and data surrounding COVID-19.
- **Responsibilities:** To create COVID-Stats page. On COVID Stats page, the user can check covid-19 statistics in the World, USA, and NH. The Covid statistics are represented in different formats. The JavaScript library "Chart.js" has been used to create charts.
- **Tools / Languages used:** HTML, JavaScript, jQuery, Bulma CSS framework, API, Ajax, Chart.js

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## **Professional Experience**

**Portware India Pvt. Ltd. |** (Clients-Carlson, Scotia Capital, RBC) Oct 2012 – Apr 2014

### **Senior Test Engineer**

#### **Key Qualifications & Responsibilities**

Identified test scenarios, estimated test effort, and created test plans.

Verified database changes by writing SQL queries, executed the application and data manipulation.

Created traceability matrix and test estimations to ensure established goals were met.

Created and executed automated software test cases and test scripts to uncover, identify and document software problems and their causes.

#### **Key Achievements**

Received appreciation from delivery manager for quality of testing "Zero defect Missed"

Improved product usability by creating feature enhancement requests, as well as performing systems analysis on existing products where documentation was lacking

Uncovered major coding defects in early stage of software development life cycle with V-model test framework.

**Capgemini, India |** (Client-Serco UK) Aug 2010 – Oct 2012

### **Senior Quality Engineer**

#### **Key Qualifications & Responsibilities**

Reported, tracked and monitored defects in the Visual Studio Team Foundation Server

Performed GUI testing, system testing, functional testing, black box and white box testing.

Performed User Acceptance Testing at Client location – Derby (United Kingdom).

#### **Key Achievements**

Improved the documentation of QA testing practices to enhance their repeatability, saving time and money and encouraging testing standardization and best practices  
Decreased IT workload by 20% due to improvement of QA processes.

**Cimcon Software India Pvt. Ltd.** | (Clients-TD Bank and InTotality Inc.) Jan 2009 – Aug 2010

**Verification & Validation Engineer**

**Key Qualifications & Responsibilities**

Designed test plans, test cases and test data based on business/functional requirements.  
Performed GUI testing, system testing, functional testing, black box and white box testing.  
Tracked, logged and reported defects using defect management tools.

**Key Achievements**

Recognized by management for developing excellent test plans/scripts and rapidly discovering defects.  
Identified the areas of automation testing to reduce the effort of regression testing – achieved 30% of regression testing efforts

**EDUCATION**

**University of New Hampshire**, Durham, NH

**Full Stack Web Development Certificate**

**M.M.M.E.C**, Gorakhpur, India

**Bachelor of Technology** - Electronics and Communication