

Priyesh Patel

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LinkedIn: www.linkedin.com/in/priyesh-dev | **Github:** <https://github.com/Priyesh91>

Portfolio: <https://priyesh91.github.io/Portfolio/>

PROFESSIONAL SUMMARY

Full stack web developer with knowledge in several front-end and back-end languages, responsive frameworks, databases (MySQL/MongoDB) and best code practices. Currently transitioning into a programming career with extensive analytical experience from the biotechnology industry. Recently developed a mobile responsive CMS website for a small business with MongoDB, Express.js, React and Node.js (MERN). Adept at working with diverse teams to implement projects and passionate about software architecture and cloud computing.

TECHNICAL SKILLS

- **Front-End:** CSS, HTML, JavaScript, API (Ajax & Axios)
- **Frameworks:** Node.js, Express.js, React, jQuery, Bootstrap,
- **Back-End:** Node.js, Express.js, Axios, Mongoose, Sequelize, Passportjs
- **Databases:** MySQL, MongoDB
- **Tools:** Visual Studio Code, MySQL Workbench, Robo3T, Postman
- **Task & Project Management:** Git, Git Bash
- **Methodologies:** Agile, Paired Programming
- **Platforms:** GitHub, Heroku, Firebase, NPM, Responsive design
- **Microsoft Office:** Excel, Word, Publisher, PowerPoint
- **Equipment Interfacing Software:** UniCorn, SoftMaxPro
- **Analysis Software:** OriginPro, UnScanIt, Phoretics1D, BLAST, PyMol, ThinkorSwim

PROJECTS

RadburnLiquors | <https://github.com/Priyesh91/RadburnLiquors> | <http://www.radburnliquors.com/>

Project Lead

The RadburnLiquors project is a MERN (MongoDB, Express, React, Nodejs) stack web application designed for a liquor store. Some of the key features of the site are responsive design, content management system, RESTful API integration and user authentication on the admin page which gives exclusive rights to the admin/authenticated user to change content on website. Led the overall direction of the project, design decisions, and guiding team member through different phases of development of the project. As a team, we practiced paired programming and Agile methodology.

- **Front-End:** CSS, HTML, JavaScript, React, and Bootstrap
- **Back End:** Node.js, Express.js, Axios, Mongoose, Passportjs
- **Deployment Details:** Heroku, Google domains
- **Databases:** MongoDB
- **Project Management:** Git, Git Bash

CNJ Sci-Fi/Fantasy BMC | <https://github.com/Priyesh91/CNJ-BMC> | <https://priyesh91.github.io/CNJ-BMC/>

Team Facilitator

CNJ Sci-Fi/Fantasy BMC project is a front-end web application designed for the club members to have a central source of information which was made possible through the use of Meetup, IDreamBooks and GoogleBooks API. As the team facilitator, helped team members in debugging code to ensure the project met the deadline and was responsible for ensuring proper Git versioning, resolving merge conflicts and establishing proper connection to firebase to collect member information.

- **Front-End:** CSS, HTML, JavaScript, jQuery, AJAX, and Bootstrap
- **API:** Meetup, IDreamBooks and GoogleBooks
- **Project Management:** Git, Git Bash
- **Deployment Details:** Github Pages

EXPERIENCE

Research Associate: DuPont Pioneer, Experimental Station, Wilmington DE

2013 - 2017

- Updated team members routinely on experimental progress of project for feedback and discussion.
- Managed multiple projects at same time on deadlines to meet personal and team goals.
- Attended seminars, equipment demonstrations and equipment training sessions for progressive skill enhancements.
- Designed complex experiments, SOP development and maintained detailed notebook of experiments for patents.
- Analytical data analysis from experiments of insecticidal toxins, mass spectrometry calculations, and analysis.
- Developed and optimized methods for receptor identification of insecticidal toxin on insect tissue with co-IP to identify potential binders/receptors for downstream clients in research pipeline.
- Laboratory management: conducted weekly inspections, equipment maintenance, record keeping, training of personnel, ensured laboratory was operating under proper government regulations according to APHIS permits.

EDUCATION

Rutgers University, Continuing Professional Development, Somerset, NJ 2018 - 2019

- Rutgers Coding Bootcamp

Rutgers University, School of Environmental and Biological Sciences, New Brunswick, NJ 2011 - 2013

- Bachelor of Science in Biotechnology **GPA: 3.7**
- Minor in Biochemistry
- Graduated with Magna Cum Laude and top 10% of class
- Nellis Memorial Scholarship, 2012-2013

Middlesex County College, Edison, NJ 2009 - 2011

- Associates in Applied Science in Biotechnology (Honor) **GPA: 3.8**
- Outstanding Academic Achievement in Biotechnology, Middlesex County College, April 2012
- Outstanding Academic Achievement in Chemistry, Middlesex County College, May 2011
- Bristol-Myers Squibb Company Biotechnology Scholarship, 2009-2011

PUBLICATIONS

1. Khan, I. J., Di, R., Patel, P., & Nanda, V. (2013). Evaluating Disulfide Crosslinking and pH-induced aggregation of *Arachis hypogaea* 1 as Components of Peanut Allergy. *Journal of Agricultural and Food Chemistry*, September 2013.
2. Khan, I. J., Di, R., Patel, P., & Nanda, V. (2013). Evaluating pH-Induced Gastrointestinal Aggregation of *Arachis hypogaea* 1. *Journal of Agricultural and Food Chemistry*, 61(35), August 2013.