

RADHA GUPTA

C: 613 970 4573 | E:radha94646@gmail.com | <https://www.linkedin.com/in/radhaguptatechfreelancer> | Location: Toronto

Portfolio: <https://portfolio-phi-green-32.vercel.app/>

With over 9 years of experience as a Full Stack Developer, adept at leading cross-functional teams, making critical decisions, managing deadlines and collaborating with stakeholders to define project objectives, scope, and deliverables.

Skills

Technical Skills

- **Frontend Technologies:** ReactJS, Next.js, Redux, TypeScript, Vue.js, JavaScript, ES6, Gatsby JQuery, Ajax, Bootstrap, HTML5, CSS3, Tailwind CSS
- **Backend Technologies:** PHP (Laravel, CakePHP, Zend), Express, Nodejs
- **APIs:** RESTful APIs, GDS (Sabre, Travelport), Airtable, ZohoCRM, Twilio, Payment Gateways
- **Development Tools:** Babel, Webpack, NPM
- **Deployment Tools:** Azure DevOps, cPanel, FileZilla, Putty, CI/CD, GIT
- **Automation Tool:** Jest, Cypress
- **Databases:** MySQL, SQL, PostgreSQL, MongoDB, GraphQL
- **Miscellaneous:** C, C++, OPPs
- **Methodologies:** Experience in Agile methodology & Virtual-Scrum Environment
- **AWS Services:** EC2, S3, RDS, Lambda, IAM, ECS

Work Experience

Full Stack Developer

Groupe Voyages Québec | June 2021 - May 2024

- Designed, developed, and maintained scalable, high-performance software solutions using technologies such as ReactJS, Redux, PHP (Laravel, CakePHP), Node.js, JavaScript, and Tailwind CSS.
- Led a cross-functional team of developers, designers, and QA specialists to deliver high-quality software solutions on time and within budget.
- Utilized technologies like Next.js, Vue.js, Express, PHP (Zend), and CSS3 to achieve project goals.
- Spearheaded the implementation of Agile methodologies across multiple teams, improving project delivery times by 30%.
- Introduced automated testing procedures like Cypress, Jest that reduced manual testing costs by 25%.
- Leveraged Node.js, Express for microservices integration, ensuring system reliability and scalability.

Technical Lead

Navixel Solutions | March 2016 - May 2021

- Modified applications built in simple HTML, Javascript, CSS webpages, into better Javascript frameworks like React, Next.js to optimize the application performance for faster loading and browsing.
- Developed and implemented reusable code modules for various applications, ensuring scalability and efficiency across multiple projects.
- Collaborated closely with the Enterprise architecture team to design and identify the appropriate tech stack, seamlessly adapting to evolving business requirements and changes.
- Successfully negotiated project scopes and timelines with stakeholders, achieving a 95% approval rate on initial submissions.

Project Management Skills

- Project Architect & Design Lead
- Project Coordination & Implementation Specialist
- Solution Architecture
- Market Research Analysis
- Task Planning & Distribution Coordinator
- Product Strategy Execution
- Cross-functional Team Leader
- Stakeholder Engagement
- Training Coordinator
- Agile Scrum Expertise
- Business Analysis
- Complex Software Project Management

Education

Master of computer Application

| Punjab Agriculture University
| Merit Certificate |
Specialization in Computer Programming

Bachelor of computer Application | Punjab Technical University

Honors & Awards

- **CIRCLE OF EXCELLENCE**
2017-2018 | Navixel Solutions
- **AWARD OF EXCELLENCE**
2016-2017 | Navixel Solutions
- **Solving complex software problems**
2014-2015 | Webner Solution

Certification

- Project Management Foundation
- The Ultimate Redux Certification
- React.js Essential Certification
- AWS Essential Certification

- Proactively brainstormed and recommended technical solutions that aligned with business goals, driving innovation and enhancing system architecture.

Senior Software Engineer

Dikonia | July 2015- March 2016

- Designed, developed, and maintained scalable, high-performance web and mobile applications using technologies such as Laravel, Cakephp, RestApis, Javascript, JQuery etc.
- Conducted regular code reviews to ensure code quality, adherence to best practices, and maintained coding standards across the development team.
- Provided mentorship and guidance to junior developers, fostering a collaborative and knowledge-sharing environment.

Software Engineer

Webner Solutions | May 2014 - July 2015

- Continuously enhanced programming skills and knowledge of emerging technologies through ongoing learning and mentorship.
- Collaborated with senior developers to assist in the design, coding, testing, and debugging of software applications.
- Involved in debugging code, troubleshooting errors, and ensuring that the web pages are functionally accurate.
- Managed and optimized relational and non-relational databases to ensure efficient data storage and retrieval.

Project Experience

Project: RuleEngine

Company: Groupe Voyages Québec

Technology: ReactJS, Next.js, Redux, TypeScript, JavaScript, Html, Bootstrap, Airtable, ZohoCRM, Node.js, Express, Jest, Cypress, Git

Links: <https://rules.gvqdev.me/>

My Role:

- In my role, I addressed the challenge of efficiently accessing and manipulating data across multiple Airtable bases.
- I assumed responsibility for designing the application's architecture, meticulously outlining the code structure and database design.
- I implemented automation testing tools to ensure the robustness of the application and maintain a bug-free environment.
- Throughout the development lifecycle, I maintained close collaboration with the team, ensuring alignment with project objectives and timelines.

Project: Shopping app, Travel and Tourism

Company: Groupe Voyages Québec

Technology: ReactJS, Next.js, Redux, TypeScript, PHP, Laravel, JavaScript, Html, Bootstrap, Airtable, ZohoCRM, RuleEngine, MySQL, RESTful APIs, Node.js, Jest, Cypress, Git

Links: https://reservations.gvq.ca/?product_id=P241419-GVA240620066&occupancy_type=Occ.%20Simple

BackendLink: <https://reservations.gvq.ca/admin>

My Role:

- I architected the application, defining the code structure and database design, and collaborated closely with the team throughout development.
- Implemented encryption methods to enhance data security for sensitive information.
- Employed fluid design principles to ensure seamless user experiences across various devices and screen sizes.
- Contributed to and maintained design systems to streamline development and ensure consistency in UI/UX.

- Implemented robust CI/CD pipelines to automate testing, integration, and deployment processes, ensuring rapid and reliable software delivery.
- Demonstrated a strong interest in API design, creating efficient and scalable APIs that drive application functionality and integration.

Project: VEvents

Company: Navixel Solution

Technology: PHP(Zend), JavaScript, JQuery, Laravel, Bootstrap, DataTables, Dropzone, MySQL, RESTful APIs, Github, Gitlab

Purpose: An application to analyze and handle the internal and external events of a Direct Travel agency.

Links: <https://visionevents.visiontravel.ca/admin>

Key Responsibilities:

- Designed and implemented core features of the VEvents application, focusing on PHP (Zend) and Laravel for server-side logic.
- Integrated JavaScript frameworks (JQuery, Bootstrap) to enhance user interface and experience.
- Utilized MySQL and RESTful APIs for robust data handling and interaction.
- Managed version control and collaboration through GitHub and GitLab.

Project: Direct Travel, Vintel, VEvents, Vlinks

Company: Navixel Solution

Technology: ReactJS, Next.js, Redux, TypeScript, Gatsby, PHP(Zend), JavaScript, JQuery, Laravel, Bootstrap, DataTables, Dropzone, MySQL, RESTful APIs, Node.js, Express, Github, Gitlab, Jest, Cypress

Links: <https://intel.dt.ca/>,
<https://visionlinks2.visiontravel.ca/>,
<https://visionlinks.ca/en/admin>,

Purpose: This is travelport web tool which is provided to travel agents facilitating the booking of Passenger Name Records (PNRs) for travelers on national and international levels. This platform offers rapid quality checks, significantly reducing processing time compared to traditional Global Distribution Systems (GDS), which can take 2-3 days for the same tasks via command line. Furthermore, the platform boasts seamless integration with GDS systems and is expanding its reach to include other GDS providers such as Amadeus and Sabre. Additionally, it offers comprehensive reporting capabilities, enabling quick access to traveler and agent data by interfacing with GDS and Aggresso collectively

My Role:

- I spearheaded the development of numerous enhancements aimed at bolstering PNR retrieval capabilities.
- This included integrating the system with various GDS platforms such as Travelport and Apollo. Additionally, I revamped the codebase, transitioning from XML to REST APIs to facilitate faster and more modern access methods. These efforts were complemented by my coordination with the team throughout the development lifecycle.
- In addition to my technical responsibilities, I maintained ongoing dialogue with stakeholders to continuously refine and enhance the system. This involved actively gathering requirements, soliciting feedback, and ensuring alignment with evolving business needs.
- By remaining engaged in discussions with stakeholders, I ensured that the system consistently met their expectations and adapted to changing requirements over time.