



ARSHDEEP RANGHI

FULL-STACK WEB DEVELOPER

204 881 4887 | rangiarshdeep@gmail.com | arshdeeparangi.com
github.com/arshrangi

PROFILE

A Programmer and a Full Stack Web Developer with good programming and coding skills and a strong academic background in Computer Science. I am a problem solver and love working on new challenges every day. Among my colleagues, I am known for my time management skills, positivity, and always-ready attitude for accepting new challenges. My skill set includes a wide range of coding languages, development tools, knowledge about domains, and hosting management.

SELECT ACCOMPLISHMENTS

RUBY ON RAILS APPS

Technologies Used: Ruby on Rails, React, HamL, Foundation, SASS, MySQL, PostgreSQL, Rollbar, Recharts, Git, Heroku, AWS, Webpacker, Foreman

Experienced in building and maintaining web applications using the Ruby on Rails framework based on MVC Model View Controller architecture that acts as a backend for various React Native applications. Developed a strong authentication system using gems like Devise and Pundit, ensuring the application security and performance standards. Used HAML as templating engine, and Foundation for Sites as SASS/CSS for styling. Used MySQL and PostgreSQL as Database services for designing and implementing data storage solutions. Creating API structure for frontend apps for authentication, sessions, and for various other requirements from the frontend. Add tests to new and existing functionality so that code is easily maintainable and add Rollbar for better error tracking. Added reCharts and various other JS Packages to create meaningful and beautiful apps. Add Google Analytics to such apps so that Clients can analyze the site metrics. Deployed these RoR apps to Heroku and AWS.

REACT-NATIVE APPS

Technologies Used: React-Native, Hooks, Navigation, Redux, Redux-Router, Axios, Apple and Google Store, Firebase

Experienced in building and maintaining iOS and Android applications using the React Native framework. Developed new features and functionality using various packages such as React-native-maps, Victory Pie, Firebase Analytics, Geolib, RNFS, etc to create creative and meaningful applications. Building reusable components for future use. Used Redux for state management, Axios for making API calls, Redux Router, and React Navigation to create Navigation Stack for the apps. Create authentication workflow, notifications, and accessing device camera and microphone to bring interactive features to these apps like scanning QR codes, recording audio and video, posting/saving pictures, storing them on S3, and reviewing them as a part of various projects. Bringing offline functionality to apps such as saving backend data to state so that app can be used without an Internet Connection and all the user interaction saved on the device and sent back to the backend server once the internet connection is restored. Testing these applications on different mobile platforms and devices by using services such as Sauce Labs, simulators, and real devices. Deployed all these apps to both Google and Apple Stores.

REACT APPS

Technologies Used: React, Redux, Redux-Toolkit, React Hook Form, Axios, Recharts, Heroku

Experienced in building and maintaining web applications using the React JavaScript library and packages such as React Toolkit, Redux, Axios, React Hook Form, Framer Motion, Styled Components, Recharts, and many more. Collaborating with teammates to integrate user-facing elements using reusable components, and functions. Developing dynamic navigation for health apps where sections lock/unlock as per user interaction. Wrote clean and maintainable code using Pritter and ESLint, improved code efficiency by using appropriate Data Structures, reusing code, etc. Used browser services such as a microphone, camera, geolocation, and printing. Debugging and fixing issues that came alongside, writing and maintaining proper documentation. Used Figma for style guidelines and exporting assets. Participating in code reviews to ensure the quality and maintainability of the code.

WORDPRESS SITIES

Technologies Used: WordPress, PHP, Gulp, Pantheon, Lando, Docker etc

Experienced in custom theme development, adding new features to existing sites, and using CSS frameworks. Worked on various WordPress projects, and developed functionality using plugins such as WP Forms, CMB2 fields, SMTP emails, Contact form 7, Classic Editor, Yoast SEO, and many more. Performed WordPress and plugin updates as part of regular maintenance work. Experience with deploying/maintaining all these websites across various servers such as Pantheon, Digital Ocean, and Small Orange

WORK EXPERIENCE

FULL-STACK DEVELOPER

Tactica Interactive, Winnipeg | March 2019 - Present

- Worked on various projects ranging from just a questionnaire application in React to complex Ruby on Rails and React Native apps which serve as both Backends for researchers, and Frontend for users. These apps helped researchers analyze various conditions such as patients with degrading memory, diet planning, patients having trouble concentrating, sleeping disorders, kidney conditions, etc.
- Worked with a team of developers, designers, and project managers to create beautiful websites and apps using different technologies and deployed those apps to various hosting providers such as Heroku and AWS (for websites and backends) and Google and Apple stores.
- Experienced in setting up Email servers using Postmark, Sparkpost, and Sendgrid.
- Experienced in setting up Microsoft Exchange Email accounts and configuring domains with security standards.
- In another role, performed various support and maintenance activities across various projects (WordPress and RoR) ranging from regular maintenance updates to new feature additions. Also, responsible for scheduling these activities among other developers.
- Managed domains and DNS for entire organizations on platforms such as SRS Plus, Web Names, DNS Made Easy, and Cloudflare. Monitoring site uptimes using Pingdom.
- Managed apps hosting on Heroku, AWS EC2, and Pantheon, Responsible for packaging the apps, configuring auto deploy pipelines using Gitlabs CI/CD, connecting domains, and adding SSL certificates.
- QA/Testing apps and websites on services such as Browser Stack, Sauce Labs, and real devices. Documenting the issues and creating cards in tracking boards such as Asana.
- Participating in various project planning meetings, discussions, code reviews, and daily standups.
- Experienced in version control like git essentials such as pushing, pulling, feature branches, merging, rebasing, resolving conflicts etc.

WEB DEVELOPER INTERN

Blueshift Innovations, Winnipeg (one month Internship) | January 2019

- Worked on Microsoft SharePoint Web Parts.
- Worked with Technologies such as ReactJs, Git, Office Fabric UI, and deploying solutions to the SharePoint Sites.
- Worked with other Web Developers, attended daily scrum meetings to keep a track of everyone's progress.
- Used Microsoft Teams for communication between team members and Project Manager.

JAVA DEVELOPER INTERN

Infowiz, Chandigarh (one month internship) | June 2017

- Designed and built robust, Object Oriented applications and organised complex data using Java collections.
 - Worked with a team of 3 Java Developers and used git as version control.
 - Accessing relational database (MySQL) using JDBC. Read/Write files and handled Exceptions.
-

EDUCATION BACKGROUND

WEB DEVELOPMENT DIPLOMA

The University of Winnipeg PACE | January 2018 - January 2019

- The Web Development Diploma program exposes students to a wide variety of web programming technologies (including HTML5, CSS3, and Modern JavaScript) with an emphasis on PHP programming.
- The program curriculum also includes essential training in project management, business writing, web security, information architecture, and network administration to round out students' skill sets.
- The program culminates in a comprehensive e-commerce capstone project and month-long internship placement.

BACHELOR DEGREE, COMPUTER SCIENCE ENGINEERING

Chandigarh University | August 2013 - April 2017

- Computer Science Engineering (CSE) deals with the design, implementation, and management of information systems of both software & hardware processes. A computer science engineer specializes in programming languages, data structures, and the design of computational systems.
 - Pursuing Computer Science & Engineering from one of the best CSE engineering universities in Punjab gives you an extra edge. It caters to a thriving research environment, advanced industry-sponsored infrastructure, and stimulating teaching aid. Their program covers all fundamental as well as advanced concepts of engineering and computing, paired with a chance to gain exposure to emerging technologies such as the Internet of Things (IoT), Mobile Computing, and Open Source and Open Standard.
-

PROFESSIONAL AFFILIATIONS

- ICTAM (Information and Communication Technologies Association of Manitoba)
- CIPS (Canadian Information Processing Society (CIPS) is the Canadian Association of IT Professionals)
- NMM (New Media Manitoba)

Learn more about me by visiting arshdeeprangi.com