

Harman Singh Manchanda (Harry)

Full Stack Developer

- New Delhi, Delhi, India • +91-9582814240 • harry@harrymanchanda.com • www.harrymanchanda.com/certificates
- www.harrymanchanda.com/portfolio • github.com/lamManchanda • linkedin.com/in/harrymanchanda

SUMMARY

- Full Stack Developer with extensive work experience delivering results-driven mobile responsive web applications. Skilled in an array of front end and back end technologies, with focus in mobile responsive websites development, web & mobile apps development, and cloud deployments.
- Master of Computer Applications by educational qualification and AWS Certified Developer Associate by Industry Certification.

KEY SKILLS

- Frontend Web Development (React.js, Vue.js) • Backend API Development (Node.js, Java Spring) • Mobile App Development (React Native)
- Full Stack Development • AWS Cloud Development • UI/UX Development • Responsive Web Development • Progressive Web Apps (PWA)

TECHNICAL SKILLS

- JavaScript, TypeScript, React.js, HTML, CSS, SCSS, Redux, Next.js, Vue.js, Nuxt.js, Node.js, Express.js, Nest.js, React Native, GraphQL, Rest API, Expo, Java, Spring Boot, Hibernate, Project Lombok, Spring Cloud, Ruby on Rails, Apache Kafka, Prisma, Sequelize, TypeOrm, Mongoose, jQuery, Webpack, Nodemailer, Jest, MySQL, PostgreSQL, MongoDB, Redis, Animate CSS, Bootstrap, Tailwind, Bulma, Ant Design, Chakra UI, Material UI, Foundation, Docker, Strapi, HyGraph, Amazon Web Services (AWS), AWS Lambda, Amazon EC2, Amazon DynamoDB, Google Firebase, Digital Ocean, Vercel, etc.

PROFESSIONAL EXPERIENCES

Full-Stack React Developer

Jun 2024 - Sep 2024

Insight Global (via Deel Inc.) - United States

Full Time • Remote • India

Neiman Marcus Projects: Bergdorf Goodman (BG) & Neiman Marcus (NM) PDP

- Achieved a remarkable 100% reduction in the **Cumulative Layout Shift (CLS)** score for Neiman Marcus Product Pages, enhancing user experience and web page stability significantly through CSS and JavaScript code optimisation techniques within the **Next.js, and React.js** codebase.
- Constructed BGO Incircle Mini Hub, using **React.js, Redux, Context API and SASS/SCSS** as a key component for the user engagement of the users within the BG InCircle Loyalty Program across many sections of the Bergdorf Goodman (BG) website, including Homepage, product pages, listing pages, Cart, and Checkout, overcoming challenges in **e-commerce system integration**, and facilitating API integration utilising Node.js controllers.
- Utilized Adobe Analytics to analyse user behaviour within Mini Hub by focussing on **click-through interactions for insightful metrics**.
- Built BG InCircle Public Landing Page, BG Private Credit Card page and BG Incircle Concierge page with a focus on **responsive design and call-to-action form submissions** for optimal user engagement across web and mobile web platforms, leveraging HTML, CSS, JavaScript, React, & Redux.
- Enhanced **authentication** processes by integrating with existing features for secure, efficient user login.
- Ensured high reliability across all features through **rigorous testing and quality assurance**, such as Postman API tests, and visual frontend testing inside development/stage environments facilitated by Jenkins pipelines, leading to enhanced bug identification, and improved performance.
- Created responsive and visually engaging web and mobile web interfaces using **Figma**, ensuring design and development consistency.
- Facilitated project communication and updates with **cross-functional teams** during bi-weekly agile sprints utilising Atlassian Bitbucket, Jira Stories, Jira Board, and Microsoft Teams, leading to expedited collaboration and accelerated project completion.

Full Stack Software Developer - Web & Mobile Apps

Jun 2023 - Oct 2023

Antaa, Inc - Japan

Full Time • Remote • India

Antaa Projects: *Antaa Slide and Antaa QA*

- Increased user engagement by 10% by incorporating intuitive features like **drag-and-drop file uploads**, profile enhancement, and social branding elements using HTML, CSS, JavaScript, React, which led to enhanced user interaction experiences.
- Utilised **JavaScript, TypeScript, Ruby on Rails, React.js, React Native, Next.js, Node.js, Prisma, MySQL** to customise medical profiles functionality.
- Translated **design concepts using Figma** for responsive and visually appealing web and mobile interfaces, ensuring consistency across platforms.
- Improved platform accessibility and utility, with a detail-oriented approach, by **refining how information is sorted** for Medical Healthcare Slides.
- Developed web applications using React.js, whereas developed iOS and Android applications using React Native, ensuring that the web and mobile applications were optimised for user experience **across different devices** while ensuring a scalable architecture with Prisma and MySQL.
- Engaged in agile development methodologies, actively participating in regular sprint planning to ensure the ongoing delivery of high-quality features while maintaining **transparent and efficient communication** with the development team through Slack and Notion.

Full Stack Web Developer

Aug 2021 - Jan 2023

VoicePing, Inc - Japan

Full Time • Remote • India

Matrix's TravelDX Projects: *DOKO DEMO Doors & YouConnect Apps*

- Redesigned core user experiences to integrate VR/AR features, **virtual travel e-commerce** functionality, and social logins using CSS Flexbox, JavaScript, TypeScript, React, Redux, Node.js, MySQL and an array of Amazon Web Services and Google Firebase cloud services.
- Resolved data consistency issues, identifying query bottlenecks, and **implementing advanced indexing strategies** with MySQL and Sequelize.
- Enhanced user interaction on e-commerce app to enable live streaming, event creation, driving **increased user engagement and satisfaction**.
- Optimised user interfaces for homepage, search, profile, bookings, and payments using **Figma**, enhancing search functionality and simplifying payment processes to **heighten user satisfaction**, increase engagement, and enrich user interactions across various features.
- Established admin functionality with role-based and permission-based access using Node.js, Express.js, MySQL and Sequelize focusing on granular access controls, data security, **streamlined content management**, and real-time data synchronisation.
- Designed landing pages to showcase app features & enhance user engagement, while **integrating community feed** for increased user interaction.
- Built a secure **two-factor OTP authentication service** using AWS services, including Amazon SNS, to enhance cloud-based functionality, ensuring scalable and reliable authentication processes along with secure data storage and notification systems.
- Integrated real-time notifications and WebSocket communication into the e-commerce platform, for seamless user interaction and engagement.
- Contributed to weekly sprints in an **agile/kanban methodology** to expedite project delivery, resulting in a significant reduction in project timelines.

Research Collaborator

Feb 2020 - Mar 2021

ZenDev, LLC - United States

Part Time • Remote • India

ZenDev Project: *Friday Frontend*

- Conducted **research** for weekly Friday Frontend email newsletters, supplied 100+ article links weekly, with 15+ chosen for publication every week.

Note: This part-time research work was undertaken to fully dedicate myself on my goal to become a Full Stack Developer.

Frontend Web Developer

Feb 2019 - Jan 2020

Virtual Tools Pty Ltd - Australia

Full Time • Remote • India

Virtual Tools Projects: *Employer Management, Employee Management, and Time & Attendance Apps*

- Created user-friendly Web and Mobile PWA software with customisable dashboards, **role-based access control**, intuitive user experiences and data visualisation, improving employer and employee management as well as time and attendance needs while increasing app performance.
- Collaborated with PHP developers to **seamlessly integrate UI/UX with APIs**, for client satisfaction using JavaScript, TypeScript, Vue.js, React/JSX.
- Effectively managed application state complexity using modern web development frameworks like Vue.js & Nuxt.js, in conjunction with state management libraries such as **Vuex**, leading to optimized application responsiveness resulting in reduced loading times.
- Crafted **highly responsive & dynamic user interfaces** using web technologies like HTML5, CSS3, & SCSS, in conjunction with design systems such as Foundation Framework & Tailwind CSS, to elevate user experience in cross-functional projects.

Frontend Web Developer

Oct 2017 - Feb 2019

ZenDev, LLC - United States

Full Time • Remote • India

ZenDev Projects: *Get.It, and Virtual Tools*

- Interfaced user-friendly web applications with a focus on **cross-device compatibility** using JavaScript, Vue.js, Nuxt.js, and Vuex.
- Implemented a **accessible, responsive and mobile-friendly** web design to ensure that the projects are accessible from a wide range of devices.
- Collaborated closely with multiple clients to drive project success, improve client satisfaction, and **align development with business objectives**.
- Leveraged Vuex for state management in the application, while harnessing **Vue.js ecosystem tools** such as Vue Router to develop reusable and modular components, enhancing project maintainability, increasing efficiency, and reducing development time.

Marketing Executive - Frontend Web Development

May 2015 - Aug 2017

CL Educate Ltd (Career Launcher) - India

Full Time • On-Site • Delhi, India

CL Educate Projects: *Career Launcher, LawEntrance & CL Educate*

- Developed high-converting 50+ **micro-sites and landing pages**, increasing leads generation, user engagements, and SEO rankings.
- Revitalised UI/UX, optimised performance for all CL core sites and **e-commerce platform** through dynamic interactivity, functionality, upgrades, and implementing on-page SEO practices while collaborating cross-functionally with marketing, academics, content, and graphic designers.
- Integrated Java/JSP with HTML, CSS, and JavaScript to enhance **feature integration efficiency** and ensure timely delivery across multiple projects.
- Collaborated with the marketing team to develop and implement successful marketing campaigns and boosted sales conversions.

EDUCATION

- **Executive Post Graduate Programme in Software Development, Cloud Computing** from **IIIT Bangalore, India** | 2022-2023
- **Master of Computer Applications (M.C.A), Computer Science** from **Amity University, India** | 2017-2020
- **Bachelor of Business Administration (B.B.A), Business/Commerce** from **Sikkim Manipal University, India** | 2012-2015

FEATURED ACADEMIC PROJECT

Book My Consultation App

International Institute of Information Technology (IIIT) Bangalore

Capstone Project: *Cloud Backend Development with Java Spring and AWS Cloud*

- Architected and deployed a micro-services-based healthcare consultation platform on AWS, utilising Java and Spring Boot to develop 9 services, including user management, doctor registration, appointment scheduling, and payment processing.
- Developed and tested key micro-services, such as the Notification Service using Apache Kafka for real-time communication and Amazon SES for email notifications, ensuring timely updates for users and doctors.
- Utilized Docker Compose for multi-container deployment across Amazon EC2 instances, with comprehensive API testing using Postman whereas managed cloud infrastructure with VPCs, security groups, RDS, and S3 for secure data handling, and documented the whole deployment process.
- Implemented secure authentication using JSON Web Tokens (JWTs) and managed API routing through a custom-built API Gateway with Spring Cloud.