Harman Singh Manchanda (Harry)

Full Stack Developer

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SUMMARY

Software Developer with 7+ years of experience in web software development. Skilled in an array of front end and back end technologies, specialising in website and application development, database management, and cloud deployments. Adept problem-solver with a results-oriented approach.

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

CERTIFICATIONS

- **AWS Certified Developer Associate** from **Amazon Web Services (AWS)** | January 2024
- **AWS Certified Cloud Practitioner** from **Amazon Web Services (AWS)** | April 2023

KEY SKILLS

- Full Stack Development • AWS Cloud Development • Frontend Web Development • Backend API Development • Database Development

TECHNICAL SKILLS

- **JavaScript, TypeScript,** React.js, Next.js, Node.js, Vue.js, Nuxt.js, Nest.js, **Java,** Spring Boot, **Ruby,** Ruby on Rails, HTML, CSS, SCSS, GraphQL, Rest API, Prisma, Sequelize, Hibernate, MySQL, PostgreSQL, MongoDB, DynamoDB, React Native, Ionic, Animate CSS, Bootstrap, Tailwind, Chakra UI, Foundation, Material UI, Bulma, Styled Components, HyGraph (GraphCMS), Strapi, Docker, Amazon Web Services (AWS), Vercel, Digital Ocean, Google Firebase, etc.

PROFESSIONAL EXPERIENCE

Full Stack Software Developer - Web & Mobile Apps
June 2023 - October 2023

Antaa, Inc - Tokyo, Japan
Full Time • Remote WFH (India)

Antaa Projects: Antaa Slide, and Antaa QA

- Added intuitive features like **drag-and-drop file uploads,** profile enhancement and social branding elements to boost user engagement by 10%.
- Automated medical data inputs through **API integrations** to enhance efficiency and accuracy in delivering full stack web & mobile applications.
- Utilised React.js, Next.js, React Native, Ruby on Rails, Node.js, Prisma, MySQL to create a **customisable profiles and social media integration.**
- Improved platform accessibility and utility, with a detail-oriented approach, by **refining how information is sorted**.

Full Stack Web Developer
August 2021 - January 2023

VoicePing, Inc - Tokyo, Japan
Full Time • Remote WFH (India)

TravelDX Projects: DOKO DEMO Doors & YouConnect Apps

- Redesigned core user experiences to integrate VR/AR integrated features, e-commerce functionality, secure **two-factor OTP authentication**, and social logins using JavaScript, TypeScript, React, Redux, Node.js, MySQL and an array of Amazon Web Services (AWS) cloud services.
- Resolving 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.**
- Iterated user interfaces (homepage, search, profile, bookings, payments, etc) to simplify **search functionality and payment processes.**
- 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.

Researcher - Frontend Research for email newsletters
February 2020 - March 2021

ZenDev, LLC - California, United States
Part Time • Remote WFH (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.

Frontend Web Developer
February 2019 - January 2020

Virtual Tools Pty Ltd - Sydney, Australia
Full Time • Remote WFH (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 backend developers to **seamlessly integrate UI/UX with APIs**, resulting in client satisfaction.

Frontend Web Developer
October 2017 - February 2019

ZenDev, LLC - California, United States
Full Time • Remote WFH (India)

ZenDev Projects: Get.It & Virtual Tools

- Developed 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.

Marketing Executive - Frontend Web Development
May 2015 - August 2017

CL Educate Ltd (Career Launcher) - Delhi, India
Full Time • 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.