**RABIN KASPAL** | Software Engineer

Sydney, Australia 0402156333 rabinkaspal@gmail.com

**TECHNICAL SKILLS**

* Frontend Development: HTML5, CSS3, JavaScript, Typescript, ES6, React.JS, Next.JS, Context API, Redux, Redux Toolkit, Redux Saga
* Backend Development: Node.js, Express.js, REST API (development & integration)
* Testing: Jest, React Testing Library
* Component Library: ChakraUI, Material UI, React Bootstrap, TailwindCSS
* Databases: MongoDB, Firestore Database, DynamoDB, MySQL, PostgreSQL
* Tools & Services: Firebase, Netlify, Vercel, SendGrid
* Design Tools: Figma, Photoshop, Illustrator
* Version Control: Git, GitHub, Bitbucket
* Cloud Services: AWS (Lambda Functions, API gateway, DynamoDB, SQS, SNS), AWS Amplify

**PROFESSIONAL EXPERIENCES**

**Software Engineer** Nov 2021 – Dec 2024

*TeckCraft, Crows Nest NSW*

* Participated in development of a cutting-edge, responsive web application using React.js, improving user engagement through intuitive design and seamless navigation.
* Reduced application load times by optimizing React rendering techniques and applying best practices in component-based architecture.
* Demonstrated excellent problem-solving skills by analyzing and resolving complex issues in both front-end and back-end development.
* Developed highly reliable and scalable backend services in Node.js with REST APIs, able to handle concurrent requests without service degradation.
* Applied Continuous Integration and Continuous Delivery (CI/CD) practices to automate testing, deployment, and delivery of software across various environments resulting in reduction in deployment time and ensuring rapid delivery of new features and updates.
* Collaborated effectively with cross-functional teams in an Agile environment, resulting in on-time delivery of high-quality software products and features.
* Improved team collaboration and productivity by implementing automated testing with Jest, resulting in reduction of bugs during development and testing phases.
* Integrated blockchain technology with existing systems with Stellar SDK, enhancing data transparency.

**Web Developer & Digital Marketing Assistant** 2018 – 2019

*Macrison Co. Pty. Ltd, Mortlake NSW*

* Developed dynamic and interactive websites that ensured high traffic, page views, and user experience, resulting in 40% increases in sales revenue.
* Trained over 20 staff members in internal web functions, including steps on how to independently make minor updates or changes
* Architected processes for clean-up and performance improvement that minimized downtimes.
* Restructured websites and contents for clients following best SEO practices to increase visibility, search engine rankings and promote user engagement.
* Customized landing pages, contact forms, Competition Entry Forms, etc. with third party integrations to support the promotions/competitions for clients while handling over 35000 form entries and segmenting as per need.
* Optimized ad campaigns on Google and Facebook and implemented Automated marketing strategies and Client Acquisition process through use of CRM softwares like HubSpot, ActiveCampaign, MailChimp, etc.
* Enforced modern HTML email templates for email marketing and newsletters.

**Web Design (Wordpress, WooCommerce)** 2018 – 2020

*FreeLancer, Sydney*

* Provided wordpress and custom-built websites and ecommerce solutions to 4+ clients in Sydney, Perth and overseas with unparalleled efficiency and reliability.
* Proposed, executed, and optimized digital marketing campaign on Google AdWords; led to 15% increase in ROI
* Streamlined Product Imports in WooCommerce site by bulk importing products with csv file generated from store software thereby saving 20 hours of work per week.
* Devised user-friendly websites, including optimized check-out pages that increased user clicks, and subsequently customer purchases.
* Catered graphic designing services such as logo designing, email design, website design, etc. with Adobe Suite Softwares.

**Web & Mobile Application Developer** 2015 – 2018

*SoftNEP Pvt. Ltd., Kathmandu, Nepal*

* Oversaw full life-cycle of software development for 9 projects with 100% on time delivery.
* Spearheaded a team of 5 Junior Developers to effectively execute 11 projects with before time delivery while achieving a cost-reduction of 20%.
* Liaised with clients/customers for gathering project specifications and provided training to include 100% of project requirements and delivered the results increasing customer satisfaction by about 15% for various clients.
* Built and deployed websites with CMS like Wordpress and frameworks like CodeIgniter and Laravel for various industry sectors like travel and tours, airlines, financial institutions, News & Media Companies, etc.
* Assisted and collaborated across various teams throughout the design, development, quality testing and deployment of a project.
* Followed Agile/Scrum Project Methodologies throughout the life cycle of a project.

**FUTURE LEARNING & SELF IMPROVEMENTS**

* React State Management: MobX, Recoil
* Testing: Cypress Integration Testing
* Frontend: Svelte, GatsbyJS, Vue.js
* Mobile: React Native

**EDUCATION**

* **Master of Information Technology (Specialization: Software Design and Development)  
  Charles Sturt University**, Sydney, Australia  
  Graduated with Distinction and Academic Achievement Award.
* **Bachelor of Computer Engineering  
  Tribhuvan University**, Kathmandu, Nepal