

Darshan Patel

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Education

Bachelor of Computing Science

Thompson Rivers University

Sep 2016 – Dec 2020

SKILLS

- **Languages:** JavaScript, Python, PHP, C++, HTML, CSS, C#, Java
- **Frameworks & Libraries:** React, React Native, Typescript, Node.js, Express.js, jQuery, Bootstrap, Tailwind CSS
- **Cloud Services:** AWS (EC2, S3, Lambda, DynamoDB, Amplify, VPC, API Gateway, IAM), Google Firebase (Firestore, Authentication, Storage, Functions)
- **DevOps & CI/CD:** Docker, Kubernetes, Jenkins, GitHub Actions, CircleCI
- **Tools:** Jira, Confluence, Bitbucket, Slack, Figma, Asana, GitHub, Git
- **Databases:** Oracle, DynamoDB, Cloud Firestore, MySQL, PostgreSQL, MongoDB
- **Testing & QA:** Selenium, Jest, Mocha, Chai, Cypress
- **Security:** OAuth, JWT, SSL/TLS, OWASP
- **Machine Learning:** scikit-learn, TensorFlow, Keras, Pandas, NumPy
- **Additional:** Agile Development, Scrum Methodologies, Test-Driven Development (TDD), Behavior-Driven Development (BDD)

Work Experience

Shopify/Next.js Developer

Sleep Country | Vancouver, BC | Jun 2023 – Present

- Engineered and transitioned the eCommerce platform to a headless architecture using Shopify and Strapi.
- Utilized AWS services for scalable hosting, serverless functions, and robust data storage solutions.
- Developed and deployed new features for the headless eCommerce site, ensuring seamless integration with third-party APIs.
- Applied best practices for frontend performance optimization, reducing load times and enhancing user experience.
- Conducted cross-browser and device testing to ensure compatibility and responsiveness.
- Managed integrations with various third-party systems, including payment gateways and inventory management systems.
- Implemented DevOps practices, including CI/CD pipelines and infrastructure as code (IaC) using AWS CloudFormation and Terraform.
- Ensured application security through the implementation of OAuth, JWT, and adherence to OWASP standards.
- Collaborated with cross-functional teams to stay abreast of industry trends and emerging technologies.

Full Stack Developer

Understance | Vancouver, BC | Mar 2021 – May 2023

- Developed and maintained high-performance eCommerce sites using Shopify Liquid and the Hydrogen framework.
- Led the launch of multiple Shopify Plus stores, handling everything from theme development to custom app integration.
- Designed and implemented robust Canvas apps with Dataverse backend and SharePoint connectors.
- Spearheaded the development of a self-returns portal using React and Microsoft Power Automate, streamlining return processes.
- Created custom Shopify apps and themes, leveraging Tailwind CSS and TypeScript for efficient, scalable solutions.
- Automated workflows and business processes using cloud flows, enhancing operational efficiency.
- Participated actively in agile ceremonies, including sprint planning, daily standups, and retrospectives.

Web Developer

Pixel Architect | Kamloops, BC | Feb 2020 – Mar 2020

- Developed responsive, user-friendly websites using WordPress, adhering to the latest web standards and best practices.
- Conducted extensive QA testing and created comprehensive documentation within an agile development framework.
- Deployed websites to staging and production environments, ensuring timely delivery and high-quality standards.
- Collaborated closely with government and non-profit organizations to develop tailored web solutions.
- Created wireframes, mock-ups, and interactive prototypes to align with client requirements and expectations.

Software Developer

BC Lottery Corporation | Kamloops, BC | May 2019 – Jan 2020

- Engineered mobile and web applications using ReactJS and React Native, focusing on performance and scalability.
- Developed prototypes and production-ready applications leveraging AWS services, including Lambda and DynamoDB.
- Implemented agile management practices, leading sprint planning, standups, and retrospectives.
- Employed a test-driven development approach, ensuring robust and reliable code quality.
- Worked with UI/UX designers to enhance user experience and engagement across all applications.

Freelance Developer

Various Clients | Sep 2019 – Present

- Conducted detailed client consultations to gather requirements and deliver customized web and mobile solutions.
- Served as the primary point of contact between clients and hosting providers, ensuring seamless communication and issue resolution.
- Developed cross-platform native and web applications using React and React Native, providing versatile solutions.
- Built and maintained custom websites using Shopify and WordPress, integrating various plugins and APIs.
- Managed end-to-end design, development, and hosting of LAMP stack websites on AWS, ensuring high availability and performance.

Co-Founder

CarGO Marketplace | Jun 2019 – Feb 2020

- Co-founded a startup focused on creating an innovative marketplace for buying and selling used goods.
- Developed an e-commerce application using React Native, providing a seamless user experience on mobile devices.
- Utilized Google Firebase for backend services, including authentication, database, and cloud functions.
- Led market research and business development initiatives, driving the startup from concept to operational status.

TECHNICAL PROJECTS

- **Agile Development of Android and Web Applications:** Designed and developed Android and web applications using agile methodologies, ensuring iterative improvements and rapid delivery.
- **PHP Delivery Service Web Application:** Created a robust web application for a delivery service using PHP with MVC architecture, incorporating security measures and performance optimizations.
- **Machine Learning for Hotel Booking Predictions:** Leveraged a Kaggle dataset to train a predictive model for hotel bookings using Linear Regression, scikit-learn, and Python libraries.
- **Web Security Implementations:** Implemented OAuth, JWT, and SSL/TLS to secure web applications, adhering to industry best practices and OWASP standards.
- **CI/CD and DevOps Practices:** Developed CI/CD pipelines using Jenkins and GitHub Actions, automated deployments with Docker and Kubernetes, and managed infrastructure with Terraform.