

# Ashvinjeet Singh

Software Developer

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## PROFESSIONAL SUMMARY

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Experienced Front-End Engineer, proficient in developing and maintaining high-performance platforms, collaborating closely with designers and product managers. Expertise in writing clean and efficient code, ensuring engaging user interfaces. Possesses strong problem-solving skills, attention to detail, and excellent communication abilities. Committed to continuous improvement and learning for optimal project outcomes.

## WORK EXPERIENCE

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### HSBC

India • 09/2020 - 08/2022

Software Developer

Full-time

- Utilized open source technologies to streamline development processes to translate project requirements into functional and scalable code, with hands-on integration of REST API's
- Implemented Splunk for log aggregation, leading to a 30% reduction in time spent troubleshooting system issues, enhancing operational efficiency and reducing downtime.
- Automated application migration to AWS using Ansible for Configuration Management , achieving 15% cost savings and scalability. Enhanced agility for future business growth.
- Collaborated with cross-functional teams to enhance Nginx web servers performance, resulting in an increase in website reliability and uptime.
- Utilized Artifactory and Cloud Foundry to implement containerization, reducing manual errors, increasing deployment success, enhancing reliability, and accelerating time to market.
- Maximized project efficiency by integrating Collaboration Tools like Jira and Confluence, achieving on-time project delivery and streamlined workflows in an agile environment.

### Soft Prodigy System Solutions

India • 01/2020 - 07/2020

Trainee Software Developer

Internship

- Drove process improvements by strategically integrating new technologies like React and Node, leading to enhanced application efficiency and scalability.
- Performed rigorous application testing, guaranteeing cross-platform compatibility, mitigating system errors and user disruptions and software maintenance.
- Communicated effectively with stakeholders, contributing to efficient collaboration and meeting critical business needs through the implementation of diverse agile methodologies.
- Prepared reports by performing planning, scoping, functional requirements gathering and gap analysis, ensuring seamless project alignment with use cases and timelines.

## EDUCATION

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### Master Of Engineering in Electrical And Computer Science

University Of Windsor • GPA: 3.9

Canada • 09/2022 - 12/2023

### Bachelors of Engineering in Electronics(Instrumentation)

Thapar University • GPA: 3

India • 08/2016 - 07/2020

## PROJECTS

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### AutoPulse-SaaS Automation Tool

01/2023 - 12/2023

- Developed and implemented advanced workflow customization that allows users to visually map out and customize automated processes
- Implements robust user authentication and authorization through web services like Clerk Authentication to ensure secure access control and data protection for users

- Integrates Stripe for seamless payment processing and subscription management that enables users to subscribe, manage billing details, and handle payment methods effortlessly

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## Portfolio

- Designed and developed a User-centered Design and user-friendly website interface featuring responsive design, across all the devices
- Implemented interactive elements using preprocessors like SASS, JavaScript and Framer motion to provide smooth experience showcase skills and projects effectively.
- Implemented web standards including WCAG, ADA, to ensure inclusive UI/UX in project development.

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## Know your coin

- Developed "Know Our Coin" using React to display daily prices and trends in cryptocurrencies, and integrated Redux Toolkit for efficient state management and data handling
- Improved user experience that focuses on usability and accessibility to provide a seamless experience for users by sourcing, selecting and organizing up-to-date news and data in real time via the integration of the Crypto and News APIs.
- Integrated interactive charts and graphs to visualize cryptocurrency trends and historical data and provide tools and stats for users to analyze market trends and make informed investment decisions

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## SKILLS

**Programming and Markup Languages:** C, C++, CSS3, HTML5, Java, JavaScript, Python, TypeScript

**Web Framework and Libraries:** GraphQL, LESS, Next.js, Node.js, React, Redux, SASS, Tailwind CSS

**Databases and Cloud Hosting:** Firebase, Github Actions, Heroku, JSON, MongoDB, MySQL, Netlify

**Version Control:** Docker Container, Git, Jenkins, Kubernetes

**Software and tools:** Adobe suite, Figma, Jupyter Notebook, MS suite, Postman, Ubuntu, Visual Studio code

**Testing Frameworks:** JEST, React Testing Library, SonarQube

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## VOLUNTEERING & LEADERSHIP

### Engineering 4.0

01/2023 - 12/2023

Web Developer

- Designed, developed, and maintained the university club website "Engineering 4.0," emphasizing attention to detail and engaging content, including the latest events and club news.
- Conducted thorough code reviews, providing constructive feedback using best practices to uphold code quality and enhance maintainability.
- Deployed cutting-edge CI/CD techniques for seamless integration and deployment, ensuring operational efficiency and system reliability

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## AWARDS & SCHOLARSHIPS

### Purple and gold honor roll

06/2024

University Of Windsor

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### Pat on the back

11/2021

HSBC