

# BALWINDER SINGH | FULL STACK DEVELOPER

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## TECHNICAL SKILLS

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**Languages** - PHP, Javascript, SQL, NoSQL

**Frontend** - React, Redux, React-query, NextJS, Gatsby, Angular, Tailwind CSS, Bootstrap, Material-UI, Ant design

**Backend** - NodeJS, ExpressJS, Sequelize, Laravel, Rails

**Database** - MySQL, DynamoDB, PostgreSQL, MongoDB, Microsoft SQL server

**Testing** - Jest, Mocha, Sinon, PHPUnit, Selenium

**Dev ops** - Docker, Circle CI, Kubernetes, Terraform, Helm, Splunk

**Cloud** - AWS, GCP, Azure

**Agile** - Jira, Confluence, Figma, Zeplin

**Other notable tools** - OAuth2, Okta, Google analytics, Git, GIS & ESRI (Google API), postman

## PROFESSIONAL EXPERIENCE

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**Full Stack Developer**, Multiple Clients (upwork)

**August 2022 - Present**

- Performed a seamless upgrade of the backend admin panel from PHP 5 to the latest PHP 8 version, ensuring enhanced performance, improved security, and compatibility with modern PHP frameworks.
- Optimized application performance and reduced database load by implementing data caching strategies using Redis or Memcached.
- Streamlined the deployment process by implementing AWS Code Pipeline, resulting in a 50% reduction in deployment time.
- Ensured smooth collaboration and code management across distributed teams by implementing Git for version control.
- Implemented secure user authentication and authorization mechanisms, including multi-factor authentication and role-based access control (RBAC), ensuring data confidentiality and system integrity.
- Collaborated with designers to implement responsive designs and ensure cross-browser compatibility, delivering visually appealing and accessible websites across different devices and browsers.
- Improved and Tested SEO performance and achieved 96 lighthouse score and better accessibility.

**Senior Web Developer**, Owninfotech, India

**February 2021 - July 2022**

- Worked as a full-stack developer utilizing agile methodologies.
- Developed visually stunning web pages using front-end technologies Bootstrap & React.js.
- Utilized cloud infrastructure for developing and deploying scalable SaaS/PaaS solutions.
- Developed and implemented RESTful APIs for seamless integration with payment gateways (Stripe, PayPal) and social media platforms (Discord, Twitter).

- Utilized back-end technologies such as Laravel, Node.js, and database technologies such as MySQL, MongoDB to develop high-performance, secure, and scalable web applications.
- Collaborated with cross-functional teams to gather requirements and provide technical guidance, ensuring high-quality and timely project delivery.
- Optimized website performance by implementing lazy loading techniques, reducing page load time and improving overall user experience.
- Actively participated in code reviews and provided constructive feedback to ensure code quality, maintainability, and adherence to coding standards.

**Web Developer**, TechLive, India

**September 2019 - January 2021**

- Developed an admin portal for a school management system using Laravel & Node.js.
- Revamped an outdated legacy system for a healthcare organization (Blood Donation App).
- Mentored a team of 5 developers on best practices for Laravel backend development.
- Designed and implemented an intuitive user interface for a cross-platform mobile app.
- Created a complex data architecture for a financial institution, improved data processing.
- Developed a custom WordPress plugin that optimized site performance and increased website traffic by 50% through SEO optimization.

## ACADEMIC CREDENTIALS

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**Cybersecurity**

Sask Polytechnic, SK, Canada | **August 2022 - May 2023**

**Bachelor of Software Development**

Khalsa College, India | **June 2016 - June 2019**

## HONOURS AND AWARDS

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**Owninfotech**

Best Programmer of the Year | **June 2022**

**Google**

Google Ads Video Certification | **February 2020**