

# Aditi Chandra

SOFTWARE DEVELOPER – Java, Agile Project Management & Python

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📍 [Ontario](#)

in [LinkedIn](#)

🌐 [Portfolio](#)

## SKILLS

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- **Languages & Tools:** Java, Python, PHP, JavaScript, VS Code, Git, JIRA, Confluence, and Android Studio.
- **Frameworks & Libraries:** Laravel, ReactJS, NodeJS, Redux, Django, Flutter, HTML5, CSS3, Tailwind.
- **Databases & Web:** MS SQL, MongoDB, NoSQL, Firebase, NPM/Yarn, REST APIs, cross-platform UI.
- **Development Practices:** Agile, Scrum, Waterfall, Iterative SDLC, data-driven apps, and project life cycles.

## WORK EXPERIENCE

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### Web Developer

January 2023 – February 2025

GAOTek Inc.

Ontario

- Engineered UI modules using HTML5, CSS3, JavaScript, Git, BEM, Sass, AJAX, and DOM APIs, enhancing site rendering time by 25% and improving component reusability, browser compatibility, and overall user interaction.
- Mapped Figma designs into pixel-perfect layouts while using JIRA, SCRUM, cross-browser testing, version tracking, and QA workflows, which raised client alignment accuracy by 15% and improved bug identification.
- Optimized WooCommerce components with PHP, AJAX, SQL Server, REST APIs, cache strategies, and modular hooks to increase product filter speed by 30%, also reduce bounce rate by 18%, and grow engagement time.
- Customized WordPress architecture via plugin development, database queries, ACF, CPTs, short code integration, and editing, contributing to a 40% surge in online transactions and 20% improvement in user journey.
- Assessed scalable backend logic using SQL Server and PHP, reducing server response times by 35% via query optimization, function abstraction, error handling, and reusable code modules to ensure robust site performance.

### Software Developer

February 2021 – October 2022

Polestar Solutions & Services India Pvt. Ltd

India

- Troubleshoot PHP-based backend defects using AWS Lambda, CloudWatch, MySQL, Jenkins, Docker, REST APIs, Kibana, and log tracing, reducing production-level bug frequency by 60% and improving client deployment.
- Enhanced platform speed by 70% using EC2, S3, Load Balancers, CDN, PHP caching, asynchronous queues, and multi-threaded logic, reducing page response latency and optimizing resource across client-hosted applications.
- Integrated Docker containers into CI/CD workflows using Git, Bitbucket, Jenkins, Bash scripts, YAML, and streamlining release pipelines and improving delivery frequency by 40% over 6 enterprise client environments.
- Coded 20+ RESTful APIs using PHP, MVC, OAuth, JWT, HTTP verbs, Swagger, JSON, and MySQL joins, increasing server data fetch efficiency by 25% and aligning endpoints with enterprise security and protocols.
- Collaborated in a 10-member agile team to architect cloud database solutions and conduct technical design discussions, utilizing Git for version control and JIRA workflows to improve delivery accuracy and release cadence.

### Web Developer

May 2019 – July 2019

Sharda University

India

- Built an online bookstore with Java, Laravel, PHP, Firebase, ReactJS, Stripe API, and MVC logic, driving a 45% boost in user retention and successful enabling dual-platform functionality for 700+ student interactions.
- Delivered modules in 90 days using GitHub, branch merging, pull requests, task automation, JIRA dashboards, sprint tracking, and build testing, surpassing expected timelines by 21% while ensuring unit testing compliance.
- Improved Laravel back-end speed with Eloquent ORM, XML routing, MVC caching, controller injection, RESTful, and third-party service hooks, increasing data response speed by 18% and simplifying code maintainability.
- Structured Firebase authentication, database rules, Android front-end, XML parser, and API bridge logic, improving mobile data synchronization by 30% and supporting real-time updates with increased app stability.
- Engineered book search functionality using SQL queries, different filters, and keyword indexing; integrated secure Stripe transactions, resulting in a 35% rise in completed purchases and UX across web and mobile platforms.

## PROJECT EXPERIENCE

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### Crypto Trading Web App

September 2023 – December 2023

Web Developer

[Link](#)

- Designed crypto exchange app using Django, CoinMarket API, Firebase, Stripe, JIRA, and PyCharm, building key modules like real-time pricing, payment gateway, and user login; reduced backend response delays by 30%.
- Created GitHub metrics dashboards using pull stats, contributor graphs, commit charts, and review logs to track team delivery, and increasing collaboration visibility by 3x and also helped maintain 100% sprint alignment.

### Speech Ease

January 2023 – April 2023

Front-End Developer

[Link](#)

- Developed Android text-to-speech app using Java, Firebase, XML, and REST APIs with emoji chat, templates, and multilingual support; deployed on GitHub and demoed to 100+ peers, earning a top-5 ranking for innovation.

- Applied Espresso UI testing, Firebase Test Lab, GitHub workflows, and defect logging to identify 35+ bugs, boosting QA coverage by 60% and reducing crash incidents across devices by 75% within four agile sprints.

## IoT-Enabled Waste Management System

October 2021 – April 2022

*Lead Developer*

[Link](#)

- Developed IoT system with React.js, Node.js, MongoDB, GPRS, and robotic integration to automate waste sorting and real-time truck tracking; earned 2nd prize in a 150+ team hackathon with a 98% functional success.
- Collaborated across software-hardware integration via GitHub, feature branches, and system testing, validating cross-module performance and also reducing hardware-software sync issues by 40% during QA simulations.

## EDUCATION

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### Master's Degree, M.Applied Computing (MAC)

January 2023 – April 2025

*University of Windsor, Ontario*

### Bachelor's Degree, B.Tech in Computer Science

August 2018 – May 2022

*Sharda University, India*

## ACHIEVEMENTS

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- **Research Publication, Application of Machine Learning in Behavioral Modification** – PES Journal
- **Runner Up, Technovation Hackathon 4** - Sharda University
- **Winner, Toycathon** - Ministry of Education (India)
- **2nd Runner Up, IBM Hackathon** - IBM

## CERTIFICATIONS

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- **Flutter Essential Training: Build for Different Platforms** – LinkedIn
- **Java Algorithms** – LinkedIn
- **NextGen CTO Program** – University of Windsor
- **Database Programming with SQL** – Oracle