

DIVYA CHAUDHARY

SOFTWARE ENGINEER

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SUMMARY

Software developer with expertise in backend APIs, machine learning, and web applications. Specialized in building ERP, predictive models and workflow automation systems for the accounting and transportation industries using Laravel and Vue.js

PROFESSIONAL SKILLS

Business Analysis Team Collaboration
Project Planning Problem Solving

TECHNICAL SKILLS

Frontend: HTML, CSS, JavaScript, jQuery, Vue.js, Blade
Backend: PHP (Laravel, Lumen), Python (Flask), Java
Databases: MySQL, PostgreSQL, MongoDB
Deployment & OS: AWS, cPanel, PythonAnywhere, Linux, Windows
Tools: GitHub, GitLab, Jira, Trello, Postman, DBeaver, VS Code
AI / Data: Machine Learning, Data Analysis (Pandas, NumPy)
AI Tools: OpenAI/ChatGPT, GitHub Copilot, Prompt Engineering

PROFESSIONAL EXPERIENCE

Software Engineer **January 2025 - Present**
Sapphire Info Solutions Private Limited

- Software Engineer working on enterprise web and automation platforms.
- Developed backend services and REST APIs using Laravel and Flask (Python) with MySQL/PostgreSQL.
- Implemented AI/LLM-based automation (OpenAI/ChatGPT) for document analysis and workflow optimization.
- Deployed and maintained production systems using AWS, cPanel, and PythonAnywhere.
- Hosted frontend and backend services on the same server using Gunicorn (Review Assistant).
- Delivered features end-to-end, including API design, deployment, and system integration, supporting ~200+ users.

Full Stack Developer **July 2023 - December 2024**
Oz Outsourcing Private Limited

- Worked in a 7-member team to design and develop a product-based logistics ERP system.
- Analyzed end-to-end logistics workflows and translated business requirements into scalable ERP modules.
- Developed core modules including Compliance, Accounts (Payroll, Invoicing, Credit Notes, PO with Inventory Linking), Fleet & Contractor Management, Customer Management, Fuel Levy, Inventory, and Training.
- Built a centralized reminder system for drivers and administrators to track document expiries and compliance deadlines.
- Implemented activity logging, automated email notifications, PDF generation, and Excel import workflows.
- Integrated third-party accounting systems MYOB and Xero.
- Supported an ERP system used by ~20 users, managing 1,000+ trips annually.
- Used Trello for task tracking and sprint coordination.

Junior Software Developer **January 2023 - April 2023**
Nebero Systems Private Limited

- Independently designed and developed RESTful APIs for a production-ready web platform using Laravel.
- Implemented backend features including user authentication, profile management, social interactions, and account reporting.
- Developed admin-side APIs for user approvals, moderation workflows, and system management.
- Improved backend security and database performance for scalable data handling.

Backend Developer Intern
Nebero Systems Private Limited

August 2022 - January 2023

- Worked on Firewall and ERP systems using the Laravel framework.
- Developed RESTful APIs for network interface management, including enabling/disabling interfaces and managing virtual bridges.
- Configured IP assignments and DHCP services through backend APIs.
- Built ERP backend modules for Departments, Employees, Leaves, Salary Receipts, and Attendance.
- Collaborated using GitHub for version control and JIRA for Agile tracking.

Backend Trainee (Laravel & API Development)
Nebero Systems Private Limited

July 2022 - August 2022

- Trained in Laravel backend development, REST APIs, and database integration using MySQL/MongoDB.

Trainee – Programming with Java SE
Auribises Technologies Private Limited

July 2021 - September 2021

- Completed hands-on training in Java SE and Object-Oriented Programming (OOP) concepts.
- Developed a mini-project “RECKON” using Servlets and JSP, designed to help money lenders maintain loan records, borrower data, and repayment schedules.
- Strengthened knowledge of core Java, database connectivity, and MVC architecture.

CERTIFICATIONS

Introduction to semiconductor devices
NPTEL Online Certification

2021

CPP Training
Spoken Tutorial Project at IIT Bombay

26 February, 2021

PROJECTS

Review Assistant (Personal Tax Return Working Papers Automation)
Sapphire Info Solutions Private Limited

November 2025 - Present

Developed an AI-powered system to generate Personal Tax Return working papers by processing PDFs and ledger data. Deployed using Gunicorn with unified frontend and backend hosting.

Outlook Draft Box + AI Email Reply Generation System (Enterprise)
Sapphire Info Solutions Private Limited

October 2025 - November 2025

Built an enterprise email automation system with mailbox sync, attachment handling, and AI-generated reply drafts with approval and personalization workflows.

Accounts Practice Manager
Sapphire Info Solutions Private Limited

January 2025 - October 2025

Built a practice management platform for accounting firms with client onboarding, task automation, deadline tracking, document management, and a secure client portal.

Transport Solutions Software
Oz Outsourcing Private Limited

July 2023 - December 2024

Developed a logistics ERP platform to manage operations, compliance, accounts, workforce, fleet, and diary pages scheduling.

The system streamlined logistics workflows by enabling efficient trip tracking, compliance monitoring, and operational control, improving overall efficiency for transport operations.

Matrimonial
Nebero Systems Private Limited

February 2023 - April 2023

Developed backend APIs for a matrimonial platform serving the Namdhari community, supporting user registration, profile management, favorites, friend requests, blocking, and account reporting.
Built admin-side APIs for profile approvals, user moderation, and platform governance.

Registration, Attendance, and Digital Certification Application
Guru Nanak Dev Engineering College, Ludhiana

January 2023 – March 2023

Developed application for managing registration, attendance, and issuing digital certificates for annual athletic meet.

THIRD EYE - An SMS Spam Detection

Major Project - Guru Nanak Dev Engineering College Ludhiana

February 2023 - June 2023

ML based spam email detection system using Multinomial Naive Bayes algorithm. The project involved text preprocessing techniques such as tokenization, lemmatization, stop-word removal, and cleaning. The model was trained to classify emails as spam or non-spam, providing an effective solution for email filtering.

ERP

Nebero Systems Private Limited

November 2022 - January 2023

Developed backend APIs for an ERP system to manage HR and administrative functions, including Departments, Employees, Leaves, Documents, Salary Receipts, and Attendance management.

Firewall

Nebero Systems Private Limited

July 2022 - November 2022

Built backend APIs for a Linux-based firewall system to manage network interfaces, virtual bridges, IP configurations, and DHCP services, enabling centralized control through RESTful services.

MORBENSIO - Potato Disease Prediction

Minor Project - Guru Nanak Dev Engineering College Ludhiana

February 2022 - July 2022

Developed a potato disease prediction system using Naive Bayes and image processing, classifying diseases from leaf images to enable early detection and improve crop management.

EDUCATION

Bachelor Of Technology - Computer Science And Engineering

July 2019 - July 2023

Guru Nanak Dev Engineering College, Ludhiana

• Ludhiana, Punjab • 8.9 CGPA

Higher Secondary Education

2018 - 2019

Bhartiya Vidya Mandir

• Kitchlu Nagar, Ludhiana, Punjab • 84.8%

Matriculation

2016 - 2017

Bhartiya Vidya Mandir

• Kitchlu Nagar, Ludhiana, Punjab • 10 CGPA

INVOLVEMENT

Executive Member

2021 - 2023

Training and placement cell

- Organized and coordinated placement drives .
- Assisted with resume building, interview preparation, and mock interviews for students.
- Managed communication between students, faculty, and employers.
- Tracked placement data, including job offers and student placements.
- Supported skill development workshops and career growth sessions.