

Divakar Kushwaha
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Objective

Logical and results-driven Web Developer and Data Science Lead with over 12 years of experience in building, optimizing, and leading user-focused solutions. Skilled in web technologies, data analytics, and machine learning, with a proven track record of delivering scalable applications, insightful data models, and technical documentation. Dedicated to continuous learning and applying innovative solutions to complex business challenges.

Experience

Data Science Lead – Webconvoy Academy, Noida (July 2025 – Present) Leading AI/ML projects, mentoring teams, and designing ETL pipelines for enterprise data solutions.

Senior IT Consulting Consultant – Ducat India, Noida (Oct 2023 – July 2025) Delivered consulting solutions in web development and data integration for clients across industries.

Lead & Full Stack Web Developer – Blue Crest College NIIT, West Africa (Oct 2016 – May 2023) Designed and deployed full-stack applications, integrated APIs, and managed student projects.

Group Leader & Senior Software Trainer – NIIT Pvt. Ltd (Sep 2014 – Sep 2016) Conducted training sessions on software engineering, supervised academic projects, and authored technical documentation.

Web Developer – Passion Technology Pvt. Ltd (July 2012 – Aug 2014) Developed CRM systems, optimized backend workflows, and collaborated with design teams.

Education

M.Sc. Computer Science – Sam Higginbottom University of Agriculture, Technology & Sciences (2018)

B.Sc. Information Technology – Kevampu University, Shimoga Karnataka (2014)

Higher Diploma in Software Engineering – NIIT Gorakhpur Center (2012)

Professional Diploma in Software Engineering – Bluecrest College NIIT West Africa (2022)

Skills

Web Technologies: HTML, CSS, jQuery, Bootstrap, Angular 8, React, Node.js

Programming Languages: Python, Java, C, C++, C#.NET, Android, JSON

Databases: SQL Server, MySQL, Oracle 10g, MongoDB

Data Science & AI/ML: Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn

Tools: Power BI, Tableau, Advanced Excel

Communication: Excellent written and verbal skills, technical documentation, persuasive presentations

Projects Sales Data Analysis & Forecasting – Blue Crest College NIIT

- Designed ETL pipelines to integrate raw sales data from multiple sources.
- Automated data cleaning using Python scripting.
- Applied Pandas & NumPy for statistical analysis and feature extraction.
- Built forecasting models using time-series techniques.
- Visualized seasonal trends with Matplotlib & Seaborn.
- Developed dashboards in Power BI for stakeholders.
- Automated reporting with scheduled scripts.
- Documented workflows for reproducibility.
- Improved forecasting accuracy through iterative model tuning.
- Delivered technical documentation for academic and business use.

Customer Churn Prediction – NIIT Pvt. Ltd

- Built ML models using Logistic Regression & Random Forest.
- Integrated customer data via JSON APIs.
- Applied feature engineering for improved accuracy.
- Handled missing values with preprocessing scripts.
- Conducted hyperparameter tuning for optimization.
- Designed ETL pipelines for continuous data ingestion.
- Automated churn alerts with Python scripts.
- Created visualizations of churn patterns.
- Documented model architecture and deployment steps.
- Delivered actionable insights to improve customer retention.

Student Management System

- Developed CRUD operations using Python OOP concepts.
- Integrated file handling for persistent storage.
- Designed menu-driven interface for usability.
- Automated student record updates with scripts.
- Applied modular programming for scalability.
- Created ETL routines for importing/exporting student data.
- Documented system architecture and workflows.
- Integrated error handling for robustness.
- Designed test cases for validation.
- Delivered technical documentation for academic use.

COVID-19 & Stock Market Data Analysis

Pulled live data via APIs.

Applied ETL integration for structured datasets.

Automated data ingestion with Python scripting.

Conducted exploratory analysis with Pandas.

Built visualizations with Matplotlib.

Compared pandemic trends with stock market fluctuations.

Automated daily updates with scripts.
Documented methodology for reproducibility.
Designed dashboards for stakeholders.
Published technical documentation for research use.

CRM Software – Passion Technology Pvt. Ltd

- Developed role management system in Core PHP.
- Designed task assignment workflows for managers.
- Integrated backend services with SQL databases.
- Applied ETL pipelines for customer data.
- Automated reporting with PHP scripts.
- Created user interfaces with HTML, CSS, JavaScript.
- Documented system architecture and APIs.
- Designed test cases for validation.
- Delivered technical documentation for enterprise use.
- Improved efficiency with streamlined workflows.

COMMUNICATION

Excellent written and verbal communication skills with a clear, professional style.
Confident, articulate, and persuasive speaker with experience in presentations, training, and client interactions.
Empathic listener who builds trust and rapport across diverse teams and audiences.
Skilled in adapting tone and language for creative, technical, or factual writing.
Strong ability to simplify complex ideas into clear, engaging narratives.