

# DHRUVA KEDLAYA

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## PROFESSIONAL SUMMARY

MCA graduate and aspiring Software Developer with hands-on experience in MERN Stack. Skilled in REST API development, authentication, CRUD operations, and responsive UI using React, HTML, CSS, and JavaScript. Experienced in database design with MySQL, MongoDB, PostgreSQL and version control using Git and GitHub. Strong foundation in Data Structures, OOP, SDLC, Agile methodologies; seeking an entry-level Software Developer role.

## EDUCATION

### Dayananda Sagar Academy of Technology and Management (DSATM)

*Master of Computer Applications*

Sep 2023 – Sep 2025

### Bhandarkars' Arts & Science College Kundapura

*Bachelor of Computer Applications*

June 2020 – July 2023

### R N Shetty Composite PU College Kundapura

*Class XII*

June 2018 – May 2020

## WORK EXPERIENCE

### • Archelos Intelsense Technologies Pvt Ltd

*Full Stack Engineer*

July 2025 – Nov 2025

Developed scalable web applications using MERN stack (MongoDB, Express.js, React.js, Node.js). Built and optimized RESTful APIs for seamless front-end and back-end communication. Designed responsive interfaces with HTML5, CSS3, and JavaScript. Optimized database queries and schema design in MongoDB.

### • Amossys Consulting Services Pvt Ltd

*Cybersecurity Intern*

Nov 2024 – Dec 2024

Conducted vulnerability assessments and penetration testing (VAPT) to identify critical security risks. Monitored network traffic and analyzed system logs for potential threats. Utilized Wireshark, Nmap, Burp Suite, and Metasploit for security testing. Prepared incident response reports with actionable recommendations.

## PROJECTS

• **AI-based Interview Preparation Portal** Developed a full-stack interview prep platform with secure Clerk authentication and Neon PostgreSQL. Implemented domain, aptitude, and communication assessment modules integrated with Gemini AI for personalized feedback. Designed a progress tracking system to analyze performance and provide targeted improvement recommendations. Enabled structured practice workflows to simulate real test scenarios and enhance candidate readiness.

• **Online Voting System** Built a secure and scalable full-stack voting platform using Java, Spring Framework, and Hibernate ORM. Implemented user registration, authentication, vote casting, and real-time result visualization with role-based admin controls. Used MySQL for persistent data storage and developed a responsive web interface with HTML, CSS, and JavaScript. Ensured data integrity and access control to support reliable and transparent voting operations.

• **Bangalore House Price Prediction** Designed an end-to-end machine learning pipeline in Python to predict Bangalore real estate prices. Performed data preprocessing, feature engineering, and exploratory data analysis, followed by training regression models with cross-validation and hyperparameter tuning. Generated insights to identify key factors influencing property prices. Improved prediction accuracy and performance through systematic model evaluation and optimization.

## TECHNICAL SKILLS

**Languages:** Python, Java, SQL

**Frontend:** HTML5, CSS3, React.js, JavaScript

**Backend:** Node.js, Express.js, PHP, RESTful APIs, API Integration, CRUD Operations

**Databases:** MySQL, MongoDB, PostgreSQL (Neon), Oracle, Database Design

**Data Analysis & ML:** Tableau, Excel, Machine Learning

**Cloud:** AWS (Basics)

**Version Control & Collaboration:** Git, GitHub

**Concepts:** OOP, DBMS, OS, Agile/Scrum, SDLC, Data Structures, Computer Networks

## CERTIFICATIONS AND ACHIEVEMENTS

- **Google Data Analytics Specialization** — Coursera (Data Analysis, Visualization, and Reporting)
- **Networking Basics** — Cisco (Fundamentals of Computer Networks and Protocols)
- **Soft Skills** — Capgemini (Communication, Teamwork, and Professional Etiquette)