RISHABH BABU RAVI KUMAR CHIDURALA

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Education

Subhash Desai Law College — **Borivali, Mumbai, India**
LLB (3-Year Course) – Second Year — July 2025 – Present (Expected 2028)
Semester 1: 273/500 (54.6%) | Semester 2: 259/500 (51.8%)

KJ Somaiya College of Engineering — **Vidyavihar East**
Bachelor of Computational Science — November 2022 – June 2025
CGPA = 7.32

VIDYALANKAR POLYTECHNIC — **Mumbai, India**
Diploma in Information technology — August 2019 – July 2022
Percentage = 87%

Work Experience

Beyond Alliance Automation — **Mumbai, India**
Programmer – Automation Systems — **August 2025 – Present**

- Program and commission home/building automation systems on Crestron platforms (CP4 processors, SIMPL Windows logic) for residential projects, covering lighting, curtain/blind, and HVAC/AC control.
- Configure and integrate keypads, DALI lighting systems, Raylogic controllers, and Akuvox video door phone systems into unified control solutions.
- Perform on-site hardware/software troubleshooting, client support, and commissioning to ensure systems function reliably post-installation.

Enhanced Software Solutions — **Thane, India**
Intern — **January 2025 – June 2025**

- Building Anomaly Detection Model for time series data which will analyze the past data and predict the anomaly going to occur.
- Will provide suggestions on how to prevent the anomaly going to occur.
- Using Python, R and InfluxDB in the Project.

Enhanced Software Solutions — **Thane, India**
Summer Intern — **February 2024 – July 2024**

- Developed a Ticket-Raising System: Designed and implemented a ticket raising application for incident management using Node.js, React, and MySQL, streamlining the process of reporting and tracking incidents.
- Collaborated on full-stack development across front-end (React) and back-end (Node.js) components, including database design and management using MySQL.

Sahu Technologies — **Mumbai, India**
Research and Software Development Intern — **March 2021 – July 2021**

- Designed and implemented a responsive front-end web page for a portfolio site using HTML/CSS, delivered within the stipulated time frame.

Academic Related Works & Projects

Legal OS – Legal Practice Management System (2026)

• Built a full-stack multi-tenant legal practice management platform for a law firm using Next.js, TypeScript, Tailwind, and Supabase (Postgres, Auth, Row-Level Security).

• Implemented case/matter and client management, a limitation-deadline tracking engine with escalation tiers, a court-date/case diary with voice dictation, document storage, and a firm-wide task and timesheet system with deadline/timeliness analytics.

• Built role-based access control (admin/junior advocate/intern) enforced via Postgres RLS policies, verified through real multi-tenant isolation testing; added document storage via signed uploads and a team invite/notification system.

Finance Tracker (2026)

• Developed a full-stack personal finance web application (Next.js, Postgres, Google Sheets API) supporting ledger tracking (accounts, savings, cash), travel expense claims, lending, budgets, and recurring transactions.

• Implemented per-user Google OAuth authentication, an AI-powered natural-language "Quick Add" entry parser (Gemini API), automated recurring-transaction and reminder scheduling (cron), and analytics dashboards with month-over-month/year-over-year spending trends.

• Built cross-user linked lending and group bill-splitting (itemized and equal splits) with two-way balance sync, and a PWA-installable, mobile-responsive interface with push notifications.

Anomaly Detection & Prediction System (2025)

• Developing a model for detecting anomalies and predicting future incidents from infrastructure data, using Prometheus for real-time monitoring, Grafana for visualization, and Python-based ML models for forecasting.

Incident Ticket Raising (2024)

• Built a ticket-raising application for incident management during an internship at Enhanced Software Solutions, using Node.js and React for the front-end and back-end.

Sentiment Analysis Model (Engineering 3rd yr)

• NLP-based Hindi poetry sentiment analysis (Python, NLP) – translated poetry to English prior to analysis.

Farm Management Web Application (Engineering 2nd yr)

• Comprehensive farm management system built using PHP, HTML, JavaScript, CSS, and MySQL.

Smart Dustbin (Diploma)

• IoT-based smart dustbin using Arduino and sensors for automated waste management.

Skills

Programming Languages: Python, Java, JavaScript, HTML, CSS, PHP, React, Bootstrap, Node.js, Android (XML and Java).

Automation & Control Systems: Crestron, SIMPL Windows, Crestron CP4 Processors, DALI Lighting Systems, Raylogic, Akuvox.

Tools: GitHub, XAMPP, Android Studio, Visual Studio, Prometheus, Grafana.

Database Management: Proficient with MySQL and PostgreSQL.

AI Technologies: Basic understanding of machine learning algorithms and data modeling.