

Varun Deepak Kotwani

Constant Learner, Person who Ships the work or assignment and holds accountability for it, problem-solver, Developer with keen interest in algorithms and Math's/Statistics underlying.

| EDUCATION | | | | |
|-----------|----------------|----------------------|-----------------------------|----------------|
| Year | Degree | University/Board | Institute | % / CGPA |
| Pursuing | BS (Hons) | Ahmedabad University | School of Arts and Sciences | 2.83/4.00 CGPA |
| 2022 | SSC (Commerce) | CBSE | Airport School Ahmedabad | 92.8 % |
| 2020 | HSC (Common) | CBSE | Airport School Ahmedabad | 86.4 % |

| WORK EXPERIENCE | |
|---|-----------------|
| Ahmedabad University , Ahmedabad | Mar'23 - May'23 |
| Researcher (UGRP) <ul style="list-style-type: none"> Title :- Behaviour of Crypto Currency and Fin-tech Companies Design, develop, and maintain Python-based data pipelines for centralized collection and integration of diverse crypto, stock, and gold market data. | |

| INTERNSHIPS | |
|---|-----------------|
| Ahmedabad University , Ahmedabad, Gujarat | May'25 - Jul'25 |
| Software Developer Intern <ul style="list-style-type: none"> Developed an automated harvester for fetching monthly usage reports from over 40 online databases, streamlining data collection. Engineered a Python script for GLPI to automate support ticket creation directly from emails, saving significant manual effort. Delivered user activity insights from Solr log data to empower executive decision-making. Developed and deployed custom scripts and web pages in Perl for Koha, enhancing branch and user category-wise analytics. Integrated various data sources like Koha and DSpace into Metabase dashboards for centralized analytics. | |
| Nerdlytics Technologies Pvt Ltd (Review Analytics), Bengaluru | Jun'24 - Aug'24 |
| Software Developer Internship <ul style="list-style-type: none"> Engineered REST APIs using Node.js and MongoDB, implementing efficient design patterns for seamless integration of Gmail, Zoho, Freshdesk, Google Sheets, SurveyMonkey, and Google Play into the platfor Redesigned system architecture for user licensing functionalities, improving scalability and reducing API failure rates by 35% through optimized Cron job batching and error handling. Streamlined data ingestion from diverse sources, reducing latency by 25% via efficient pipeline management and debugging. Configured Cron jobs to maintain real-time synchronization of data across integrated platforms, ensuring maximum database accuracy. | |
| Avid Brio LLP, Ahmedabad | May'23 - Jul'23 |
| Programming Intern <ul style="list-style-type: none"> Increased Efficiency 5 times Created Scripts in Python connecting Shopify's API and DropBox API Deployed Python WebApp(Streamlit) on Debian Based Cloud Server Worked on Ubuntu Based System for Work Created Data Pipelines For Faster Configurations to various platforms | |




| CERTIFICATIONS | |
|--|-----------------|
| Analyze and Visualize Looker Data Skill Badge https://www.credly.com/badges/6ce908d2-a2dc-4229-8b58-c232b2f4bed2/public_url | Jun'25 - Oct'27 |
| Oracle Cloud Infrastructure 2025 Certified Data Science Professional https://catalog-education.oracle.com/ords/certview/sharebadge?id=9A53A12D98643C815DEC4F032128C11B4F7F3F09B495E0906AD597984A46C666 | Jul'25 - Jul'27 |
| Oracle Data Platform 2025 Certified Foundations Associate https://catalog-education.oracle.com/ords/certview/sharebadge?id=9A53A12D98643C815DEC4F032128C11B4455092323151D60358EEB90AD943501 | Jul'25 - Jul'27 |
| Oracle Cloud Infrastructure 2025 Certified AI Foundations Associate https://catalog-education.oracle.com/ords/certview/sharebadge?id=9002D0DD2B92923B3878A438A6EB46BA90574C5B73122CB72A0108B76B187637 | Jul'25 - Jul'27 |
| Google Cloud Data Analytics Certificate https://www.credly.com/badges/60e41172-8f27-473a-a7af-534a7f651fdb | Jul'25 - Jul'27 |
| Build a Website on Google Cloud Skill Badge https://www.credly.com/badges/98c5e783-454a-49a8-a940-476f3e41e94f | Jun'25 - Jul'27 |

| ACHIEVEMENTS AND ACCOMPLISHMENTS | |
|--|------------------|
| Website Making Challenge 2024 Winner Built Django based System (Authentication, Event-Listing, User Leaderboard, Admin Portal) Deployed on Google App Engine with Google OAuth https://wmc-430316.as.r.appspot.com/ | Jul'24 Aug'24 |
| Secured 2nd Rank at IT Extempore at GLS University | Mar'23 |

| PROJECTS | |
|--|-----------------|
| Ahmedabad University | Feb'25 - Mar'25 |
| Network Security Scanner Summary: Developed a tool to scan local networks, detect connected hosts, check open ports, and enforce authentication using X.800 compliance. Skills Used: Python (Flask) · HTML · Nmap Team Size: 1 Key Outcomes: Enabled network administrators to monitor active users and identify potential threats in real time. | |
| Self | Jan'25 - Feb'25 |
| Agency Accounting Mobile App Summary: Built a lightweight mobile app to digitize transactions for a family-run agency, improving speed and ease of access to financial data. Skills Used: Flutter · Firebase Team Size: 1 Key Outcomes: Streamlined manual accounting processes with a simple and effective digital solution. | |
| Ahmedabad University | Mar'24 - Apr'24 |
| DBA and BACKEND FOR PROPERTY RENTAL MANAGEMENT SYSTEM Summary: Built a fully normalized database and Node.js backend for managing rental properties, with complete testing and deployment on Aiven Cloud. Skills Used: Node.js · MySQL · Express.js · Postman · Aiven Cloud · SQL Triggers · Procedures · Functions · CORS Team Size: 3 Key Outcomes: Streamlined property data handling and backend operations using advanced SQL logic and cloud-based testing. | |
| Ahmedabad University | Sep'23 - Nov'23 |
| Backend System for Monopoly Simulation Summary: Built a backend database to manage core Monopoly gameplay, including funds, properties, and player settings, using SQL triggers and stored functions. Skills Used: MySQL · Google Workspace · MySQL Workbench · Python · Triggers · Functions Team Size: 3 Key Outcomes: Enabled seamless in-game financial and player management through database-driven automation. | |
| Self | Sep'23 |
| AI-Integrated Event Notification & Engagement Platform Summary: Automated the process of extracting and publishing event details Skills Used: Python · Gmail API · Pillow · MySQL · Cloud Computing · OpenAI API Team Size: 1 Key Outcomes: Increased event participation and enhanced community engagement through consistent, visually appealing posts | |

| TECHNICAL SKILLS | |
|---|--|
| Languages: HINDI , ENGLISH | |
| Softwares: MS-Suite, G-Suite, Postman, Figma, Canva, MYSQL, MongoDB, Firebase | |
| Tools / Technologies: Data Analysis, Big Query, Business Intelligence (BI), Data Visualization, Authentication, Cloud Computing, Cloud Run, Cloud SQL, Compute Engine, Data Analytics, Data Modelling, Data Science, Data Transformation, Database Queries, Google Cloud Platform (GCP), Google Workspace, Identity and Access Management, Kubernetes, Looker, Microservices, Project Management, Spreadsheets | |

| Online Professional Presence | |
|------------------------------|---|
| Github | github.com/varun0406 |
| Google Cloud | www.cloudskillsboost.google/public_profiles/ea1... |
| Credly | www.credly.com/users/varun-kotwani |

| PERSONAL DETAILS | |
|---|--|
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