

Krishna Mishra

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PROFESSIONAL SUMMARY — SOFTWARE ENGINEER

Final Year Engineering Student skilled in Java, Python, and JavaScript, with a knack for AI-driven automation. Expert in Data Structures & Algorithms, Full Stack Web Development. Exploring System Design, Seeking Internship & Full Time Roles.

TECHNICAL SKILLS

Languages : Java, Python, C, JavaScript, HTML5, CSS3, JSON, XML

Frameworks : React, Node.js, Express.js, Redux, Bootstrap, Tailwind, Pandas, NumPy, Middleware

Databases : MySQL, PostgreSQL, MongoDB (NoSQL)

Development Tools : Git, GitHub, Linux, Docker, Postman, VScode, Terminal

Others : SDLC life Cycle, Agile (Scrum/Kanban), System Design (LLD), Problem Solving, Debugging, Testing, Deploying,

Coursework : Data Structures, Algorithms, Object Oriented Programming, AI/ML/DL/NLP, DBMS, Computer Networks, Operating System, Project Management, Distributed Systems, AWS Cloud Computing

EXPERIENCE

Technical Content Writer Intern | *Atlan Technologies Private Limited*

Dec 2024 – Feb 2025

- Authored long form article on Data Migration for Senior Data Professionals, Incorporating Extensive Research & Industry Reference to Ensure Clarity & Relevance
- Collaborated with editors and marketing teams to refine content, optimize for SEO, and enhance Atlan's content strategy and thought leadership.

Technical Head of Department | *APSIT AIML Student Association*

July 2024 – June 2025

- Conducted 10+ technical events with 200+ participants.
- Organized Sessions on Git/GitHub, Full Stack Web Development, Experts Talks on Trending Technologies, etc.

EDUCATION

A. P. Shah Institute of Technology, University of Mumbai

Aug 2022 – June 2026

BTech in Computer Science Engineering (AI & ML) | **CGPA** : 8.85 (Till 6 SEM)

Mumbai, Maharashtra, India

Vani Vidyalyaya & Junior College (HSC) | 95%

FEB 2022

Mithila English High School (SSC) | 82%

MAR 2020

PROJECTS

Serverless URL Shortener with Analytics | *JavaScript, Node.js, Express.js, MongoDB, chart.js*

May 2025

- Implemented Password Protected links, Expiration control, QR Code generation, Custom Alias, Password Hashing.
- Scalable Architecture Generates ~56 billion unique ID, 1 million Unique ID Per Seconds.
- Total Click Counts, Peak Usages Hours, Geographic Reach, Export analytics data as CSV, Search using ShortID.

Weather Wonders | *JavaScript, Html5, Css3, OpenWeatherMap API*

Dec 2024

- Built Real Time Website for Weather Updates for AQL, Humidity, Pressure & Visibility data.
- Implemented 5-day forecasts, Hourly forecast, Geolocation Support, City Search Supporting 1000+ global Locations
- Integrated OpenWeatherMap APIs with 95% API response success rate, Optimized performance with caching, lazy loading, and efficient DOM manipulation reducing load time by 40%.

Insurance Product Recommendation Agent | *Python, Streamlit, Pandas, NumPy, Plotly*

May 2024

- Engineered sophisticated recommendation engine with profession-specific matching, age-based filtering, and utility maximization algorithms, implementing rule-based GenAI logic for offline functionality and seamless user experience optimization
- Built AI-powered system processing 150+ insurance products with goal-based agent architecture, achieving 95%+ accuracy in personalized recommendations through advanced NLP and multi-dimensional scoring algorithms

Multilingual Live News Summarizer with Text-to-Speech | *Python, Flask, JavaScript, NLTK, Diffbot, pyttsx3*

Dec 2023

- Built intelligent news aggregation system with real-time article fetching from Google News RSS feeds and multi-tier summarization using TF-IDF, Text Rank, K-Means clustering, and extractive algorithms, achieving 90%+ content extraction success rate.
- Implemented multilingual translation and TTS features supporting English, Hindi, and Marathi

ACHIEVEMENTS AND CERTIFICATIONS

Leetcode Contest Rating | 1547

July 2025

Attendance Excellence Award – ₹1000 Coupon | *APSIT – 2nd Year*

DEC 2023

Oracle: Java Fundamentals & DBMS Fundamentals.

AWS: Cloud Foundations & Architecting.

NVIDIA: Generative AI (Diffusion Models).

Cisco (CCNAv7): C, Python, Linux & Networking Essentials.

Celonis: Process Mining, **Simplilearn**: DevOps 101

MIT: Computer Systems Security, Cryptography & Network Security.

Google: Analytics, AI & ML

FreeCodeCamp: Responsive Web Design, JavaScript DSA.