Krishna Mishra

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Portfolio | GitHub | LeetCode

SUMMARY

Highly motivated Computer Science Engineering student specializing in Artificial Intelligence and Machine Learning with a comprehensive understanding of software development, Data structures, and algorithms. Proficient in Python, Java, JavaScript, and experienced in full-stack web development using React.js and Node.js. Currently Exploring System Design. Seeking an internship to leverage my technical skills and academic knowledge for impactful, real-world applications.

EDUCATION

A. P. Shah Institute of Technology, University of Mumbai — Thane, Maharashtra, India
Bachelor of Engineering B.E. Computer Science (AI & ML) — Nov 22 – Jun 26
GPA: 8.85 / 10.0
Coursework: Software Engineering, DBMS, CN, Operating Systems, Data Structure & Algorithms, Artificial Intelligence,

Vani Vidyalaya & Junior College (XIIth) — Mumbai, Maharashtra, India
Percentage: 95% — Feb 2022

Mithila English High School (Xth) — Mumbai, Maharashtra India
Percentage: 82% — Mar 2020

SKILLS

Technical Skills: C, Python, Java, JavaScript, HTML/CSS, Data Structure & Algorithm, OOPS, XML
Framework: Node.js, Express.js, React.js, Bootstrap, Tailwind, Middleware, Redux
Tools: Git, GitHub, Linux, Docker, Terminal, VSCode
Databases: MYSQL (SQL), MongoDB (NoSQL)
Other Skills: Problem Solving, Debugging, Testing, Deployment, System Design (LLD).
Certificates: Oracle- Java Fundamental, FreeCodeCamp- Responsive Web Design & JavaScript DSA, AWS-Cloud Foundation & Architecting, IIT Bombay- Java & Python, Oracle- DBMS Fundamentals, Cisco- C, Python Programming & Linux Essentials, Networking, NVDIA-Generative AI with Diffusion Model

WORK EXPERIENCE

GOOGLE — **Remote**
AIML INTERN — Jan 2024 – Mar 2024
- Developed an image recognition model using TensorFlow, achieving 80% accuracy in identifying handwritten digits, contributing to the AI/ML research team's goals.
- Implemented and optimized various machine learning algorithms using Python libraries, enhancing software development efficiency and improving model performance by 15%.

PALO ALTO NETWORKS — **Remote**
Cybersecurity Entry Level Technician Intern — Sep 2023 – Nov 2023
- Monitored and Analyzed network traffic for potential security threats using advanced network security tools, automating key tasks with scripting, which improved response time by 20%.
- Assisted in vulnerability assessments and the implementation of security protocols, reducing the risk of network breaches by 15% through the application of enhanced protection strategies.

FORTINET — **Remote**
Network Security Associate Intern — May 2023 – July 2023
- Configured network devices for secure communication and assisted in managing network security infrastructure, contributing to a 10% increase in system reliability
- Gained in-depth knowledge of network security best practices, helping the team implement industry-standard protocols to safeguard network integrity.

UNIVERSITY PROJECTS

CAMPUS EVENT – React.js, Node.js, Express.js, MongoDB, WebSocket, Docker. Nov 24

- A Full-stack web application to manage campus events, featuring event scheduling, notifications, and real-time updates

WEATHER FORECASTING WEBSITE – JavaScript, React, Node, Express, HTML/CSS, Tailwind, API Oct 23

- Designed a weather forecasting website displaying live weather data, a 5-day forecast, and air quality index using REST APIs. Increased user engagement by 20%. Link

TAB TIME MACHINE - JavaScript, HTML5, CSS3, Google Chrome APIs

- Browser extension to track and analyze browsing history with time management insights & interactive visualizations. LINK

SPOTIFY CLONE - JavaScript, React, Node, Express, HTML/CSS, Tailwind, API Mar 24

- Implemented a full-stack Spotify clone with features like music streaming, playlist creation, and user authentication, using React for the frontend and Node.js/Express for the backend.
- Integrated third-party APIs for real-time music data, and optimized the application's performance, reducing API call latency by 25%.

PLANT DISEASE PREDICTION- JavaScript, Python, React, Node, Express, HTML/CSS, Tailwind, CNN Aug 24

- Developed an AI-driven plant disease detection system utilizing a Convolutional Neural Network (CNN) to classify 39 different plant diseases with high accuracy. Implemented image preprocessing, feature extraction, and real-time disease prediction from leaf images.
- Built a full-stack web application with a responsive UI for seamless farmer interaction, integrating a backend system to store disease prediction data using MySQL, improving the efficiency of large-scale farming operations.

ACTIVITIES

AIML STUDENT ASSOCIATION COUNCIL Thane, MH

Technical Head Aug 2024 – Present

- Organized and advertised 10+ quarterly Technical events with 300+ participants.

UNSTOP STUDENT AMBASSADOR Thane, MH

Student Executive Sep 2024 – Present

- Managed and organized the Various Technical Program & Promoted the Unstop Platform.