

PRANAY KUMAR KINNERA

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EDUCATION

Illinois Institute of Technology, Chicago, IL

Expected May 2025

Master of Information Technology & Management, GPA: 4/4

SKILLS

- **Programming Languages:** Python, Java, Ruby, SQL, C, C#, JavaScript, PHP
- **Frontend Dev.:** HTML, CSS, React, Vue.js, Angular, Bootstrap, TypeScript, Tailwind CSS
- **Backend Dev.:** Node.js, Express, Spring Boot, Django, Ruby on Rails, Microservices, REST, GraphQL, Flask
- **Databases:** MySQL, MongoDB, PostgreSQL, SQLite, Angular, Bootstrap, TypeScript, Tailwind CSS
- **Tools:** Docker, Kubernetes, Eclipse, VS Code, Git, GitHub, Azure, WordPress, NetBeans, Android Studio
- **Proficient In:** OOP Principles, CI/CD, Agile Scrum, DBMS, Azure DevOps, Computer Networks, Selenium
- **Languages:** English, Telugu, Hindi, American Sign Language (Basics).
- **Certifications:** **PCAP:** Programming Essentials in **Python**, **JS** Algorithms and DS

WORK EXPERIENCE

SENIOR SOFTWARE ENGINEER

LTIMindtree Ltd, Bengaluru, India

October 2022 - July 2023

- Contributed to a pivotal insurance domain project, utilizing Agile Scrum and CI/CD practices, reducing development cycle time by 15% and increasing deployment frequency by 20%.
- Developed a PoC for web automation using TypeScript and Playwright, replacing C# and Selenium, improving automation efficiency by 20% and dynamic web element handling.
- Identified and resolved 28 critical issues in a C#-based automation framework, improving system stability and performance, while architecting a robust framework using the Singleton pattern.

GRADUATE ENGINEER INTERN

LTIMindtree Ltd, Hyderabad, India

July 2022 - October 2022

- Developed expertise in data warehousing and integration, including ETL processes and DBMS, optimizing data flow and storage for enhanced analytics.
- Implemented three types of Slowly Changing Dimensions (SCDs) to improve data integrity and querying efficiency, ensuring accurate data analysis.
- Designed databases using Star and Snowflake schemas and automated operations on 10+ websites with Selenium, optimizing e-commerce and travel booking processes.

PROGRAMMER ANALYST INTERN

Cognizant Technology Solutions, Hyderabad, India

Mar 2022 - July 2022

- Gained hands-on experience in Java web applications using JDBC for effective database connectivity and integration.
- Developed strong SQL skills for efficient data retrieval and manipulation from relational databases.

PROJECTS

Game Dimension [[Visit Live Site](#)]

February 2025

- Developed an interactive gaming platform using **React**, integrating multiple puzzle and strategy games (e.g., Sudoku, Kakuro, Slide & Sort, and more).
- Implemented dynamic routing, React hooks, custom components, and responsive design to enhance usability and performance.

Personal Interactive Portfolio [[Visit Live Site](#)]

December 2024 – January 2025

- Created a responsive portfolio website using **Vue.js**, featuring dynamic navigation and smooth transitions across sections like home, projects, education, and work experience.
- Implemented mobile-first design with modular components, ensuring seamless adaptation across devices with distinct styling for both mobile and desktop views.

Bank Transaction Management Application [[GitHub](#)]

November 2023 - December 2023

- Developed a secure & user-friendly **JavaFX** application using **MVC** architecture for managing financial transactions in a banking system. Implemented role-specific functionalities for administrators, staff, and users.
- Included cloud database integration for authentication and storage, responsive GUI for seamless navigation, comprehensive transaction tracking, and real-time balance updates.

Net Banking Dashboard Design [[Visit Site](#)]

October 2024

VOLUNTEERING

- **ITM Representative**, Student Committee for Research Affairs – Illinois Tech
- **Chicago's Secure XVI Cruise Event** – ISSA