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#
- **Frontend Dev:** HTML | CSS | JavaScript | React | Vue.js | Angular | Bootstrap | TypeScript | Tailwind CSS
- **Backend Dev:** Node.js | Express | Ruby on Rails | MongoDB | MySQL | Microservices | REST | GraphQL | JSON
- **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).

WORK EXPERIENCE

SENIOR QUALITY ENGINEER

LTIMindtree Ltd, Bengaluru, India   October 2022 - July 2023
- Collaborated on a pivotal insurance domain project, utilizing agile Scrum methodology and implementing CI/CD practices, reducing development cycle time by 15% and increasing deployment frequency by 20%.
- Enacted a proof of concept (**POC**) and demonstrated potential for a 20% increase in automation testing efficiency by showcasing effectiveness of TypeScript and Playwright as alternatives to C# and Selenium.
- Analyzed and Debugged a sophisticated automation testing framework employing **Singleton pattern**, found nearly 28 critical bugs and fortified project's foundation with a focus on reliability and resilience.

GRADUATE ENGINEER INTERN

LTIMindtree Ltd, Hyderabad, India   July 2022 - October 2022
- Honed data warehousing fundamentals & integration skills, including ETL, and proficiency in DBMS.
- Applied proficiency in the Selenium automation framework to automate operations on 10+ websites covering account creation, form validation, logins, e-commerce orders, and travel bookings (buses, hotels, movies).
- Attained a comprehensive understanding of various Agile methodologies, including Scrum, Kanban, XP (Extreme programming), Lean, & Crystal for adaptable & efficient project workflows.

PROGRAMMER ANALYST INTERN

Cognizant Technology Solutions, Hyderabad, India   April 2022 - July 2022
- Gained practical skills in web development and database connectivity through hands-on JDBC training.
- Honed strong SQL querying skills, enabling efficient data retrieval and manipulation from relational databases.
- Obtained a thorough understanding of various Software Development Life Cycle (SDLC) models, ensuring a structured and efficient approach to software development.

PROJECTS

Personal Interactive Portfolio (*Visit Page*)   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 for managing financial transactions in a banking system. Implemented role-specific functionalities for administrators, bank staff, and users.
- Included cloud database integration for authentication and storage, responsive GUI for seamless navigation, comprehensive transaction tracking, and real-time balance updates.
- Built with a modular design using **MVC** architecture for a well-organized codebase.

Net Banking Dashboard Design [*Visit Site*]   October 2024
Link-In-Bio Webpage [*Visit Site*]   December 2024

CERTIFICATIONS

- **CCNAv7**: Introduction to Networks
- **CCNAv7**: Switching, Routing, and Wireless Essentials
- PCAP: Programming Essentials in **Python**.

VOLUNTEERING

- **ITM Representative, Student Committee for Research Affairs** – Illinois Tech
- **Chicybercon-2024** – Illinois Tech
- **Chicago's Secure XVI Cruise Event** – ISSA