PRANAY KUMAR KINNERA

Chicago, IL | (312) 868-3526 | pkinnera@hawk.iit.edu | LinkedIn

SUMMARY

Highly motivated and adaptable Software Developer with a diverse skillset in programming languages, development tools, and technologies, including experience with microcontrollers. Proven ability to design, develop, and implement efficient software solutions for complex projects. Possesses strong problem-solving and communication skills, and thrives in collaborative environments seeking to leverage my skills and continuous learning mindset to contribute to innovative software development.

EDUCATION

Illinois Institute of Technology, Chicago, IL   Expected May 2025
Master of Information Technology & Management, GPA: 4/4

B V Raju Institute of Technology, Telangana, India   June 2022
Bachelor of Technology, Electrical & Electronics Engineering

WORK EXPERIENCE

SENIOR QUALITY ENGINEER

LTIMindtree Ltd, Bengaluru, India   October 2022 - July 2023

- Collaborated within quality assurance team to lead efforts on a pivotal insurance domain project for a prominent US-based insurance company.
- Implemented a proof of concept 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, fortifying project's foundation with a focus on reliability and resilience.
- Applied and embraced Agile Scrum methodology within the team to optimize project workflows. This approach fostered collaboration and responsiveness to evolving project dynamics.
- Took charge of orchestrating weekly project updates, diligently collecting insights from a team of 36 members, and presenting a concise yet impactful overview during crucial Scrum meetings.
- Demonstrated a strong foundation in developing comprehensive functional mapping documents, emphasizing attention to detail and accuracy.

GRADUATE ENGINEER INTERN

LTIMindtree Ltd, Hyderabad, India   July 2022 - October 2022

- Honed data warehousing & integration skills, including ETL, warehousing fundamentals, and proficiency in DBMS.
- Implemented three distinct types of slowly changing dimensions (SCDs) to enhance data integrity and optimize querying efficiency.
- Demonstrated independent design capabilities by creating three databases using both Star and Snowflake schema models.
- 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

- Received hands-on training in creating web applications using JDBC, gaining practical skills in database connectivity and web development.
- Developed and honed strong SQL querying skills, enabling efficient data retrieval and manipulation from relational databases.
- Gained a thorough understanding of various Software Development Life Cycle (SDLC) models, ensuring a structured and efficient approach to software development.

SKILLS

Programming Languages: Python | Java | C | C# | JavaScript | HTML | CSS | Bootstrap | SQL | Embedded C.
Computer Networks: Network Protocols | subnetting | Routing | Network Design | Troubleshooting.
Tools: Eclipse | CISCO Packet Tracer | NetBeans | VS Code | Git | GitHub | Android Studio | Arduino Ide | Simulink.
Technologies: ETL | Agile | DBMS | Azure DevOps.
Micro Controllers: Arduino Uno | Nodemcu-Esp8266.
Soft Skills: Project Management | Team Management | Flexibility | Creativity | Time Management.
Languages: English | Telugu | Hindi | American Sign Language (Basics).

CERTIFICATIONS

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

PROJECTS

Dairy Business Web Application (Vyaapar)   June 2024 - Present
- Designing and developing a comprehensive Dairy Business Web application using **Java EE** and **JSF**, incorporating reusable templates and composite components to ensure maintainability and code reusability.
- Implemented robust admin functionality for user creation and role assignment, including secure management of user roles and entity operations based on assigned permissions.
- Crafting intuitive navigation, comprehensive validation, and **Bootstrap**-enhanced styling to ensure a user-friendly and visually appealing interface.

Bank Transaction Management Application   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.

LEADERSHIP & VOLUNTEERING

ITM Representative, Student Committee for Research Affairs – Illinois Tech   Present
- Representing ITM students in research-focused initiatives, facilitating collaboration between faculty and students on research projects and academic development.

Volunteer, Chicago's Secure XVI Cruise Event – ISSA   June 2024
- Supported event logistics and attendee coordination for a high-profile cybersecurity networking event.

Volunteer, Chicybercon-2024 – Illinois Tech   April 2024
- Assisted in organizing and facilitating cybersecurity conference sessions, ensuring smooth event operations.

Student Council Captain – Junior College   June 2017 - March 2018
- Led a council representing 500+ students, fostering active participation and student engagement.
- Spearheaded initiatives such as establishing over 10-weekend clubs of diverse interests including physics, public speaking, and singing, promoting student-driven learning communities.

Founder And Lead Instructor – Astronomy Club (School, Junior College)   August 2014 - February 2018
- Founded & led Astronomy Clubs at two institutions, igniting student passion for space exploration through engaging weekend workshops.
- Crafted and delivered curriculum on astronomy to over 120 students, covering topics about various planets, galaxies, space-time, Blackhole, etc.

HONORS & ACHIEVEMENTS

- Instructed a live TV physics class for Junior College students on an Indian State government channel, providing accessible education to a wide audience.
- Taught physics to 10th-grade students during Junior College (2017), contributing to academic development of younger peers.
- State 1st Prize Winner: Debate Competition (2013), Telangana State (India).