Victor Kumar

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EDUCATION

The University of North Alabama
B.S. in Computer Science | President's List 2025

EXPERIENCE

J&N – Assistant Project Manager / Project Engineer   June 2025 - Present
- Coordinated project timelines and deliverables for multiple stakeholders using Agile Scrum, improving team efficiency by streamlining task management.
- Interpreted and simplified technical drawings for field teams, reducing miscommunication and on-site errors.
- Performed quantity takeoffs and managed project data using eBuilder and Bluebeam, supporting accurate planning and cost estimation.
- Assisted in engineering tasks, including design review, technical calculations, and specification verification, ensuring compliance with project requirements.
- Collaborated with cross-functional teams to meet deadlines, improving overall workflow and project delivery.

V.Rai Inc – Inventory and Operations Coordinator   June 2017 – April 2025
- Maintained 99% inventory accuracy by tracking stock levels using Excel and digital logs.
- Coordinated purchasing and vendor communications, ensuring timely stock replenishment and minimizing delays.
- Optimized inventory workflows and resolved discrepancies, reducing errors and improving operational efficiency.

TECHNICAL SKILLS

Programming Languages: C++, Python, Java
Database Management: MySQL
Web Development: HTML, CSS, and Webtool kit
Software Development Tools: Git, Dev C++, Visual Studios, IDE, Azure Devops
IT & Systems: Windows/Linux OS, Basic Networking (TCP/IP, VPNs), System Installation & Troubleshooting, Microsoft 365 Suite.

PROJECTS

Class Attendance Tracker - Class Modeling and Implementation Team
- Designed class models and UML diagrams using Python and Git, ensuring accurate alignment with project requirements.
- Implemented core functionality pages, enabling automatic attendance tracking.
- Reviewed peer contributions and maintained code quality via Git, reducing errors in implementation.
- Assisted in documenting Software Requirements Specification (SRS) and Software Quality Assurance (SQA) plan, improving project clarity and maintainability.

Game Development - Team Lead
- Led a team of 4 to modify a game parser and implement new features using HTML, CSS, and C++.
- Developed dynamic HTML pages to enhance gameplay experience and support new interactions.
- Coordinated project milestones and code reviews, ensuring 100% of requirements were met on schedule.
- Improved overall game functionality and player engagement through feature enhancements.

Medical Insurance Calculator - Solo Project
- Preprocessed datasets and applied linear regression using Python to train/test predictive models.
- Built a GUI with Tkinter for user-friendly interaction, enabling non-technical users to calculate insurance costs.
- Used Seaborn heatmaps to identify key features impacting predictions, improving model accuracy by 97%.
- Documented project workflow and code, ensuring reproducibility and maintainability.