

Vishal Renjith

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EDUCATION

Virginia Tech
B.S. in Computer Science

May 2028

PROJECTS

Resume Matcher | Product Management Project

May 2026

- Designed an AI-assisted resume matcher for college students applying to internships, translating the problem of generic resumes into an MVP that compares a resume against a specific job description and identifies relevant skills, gaps, strengths, and areas for improvement.
- Defined product requirements and acceptance criteria, then tested the core resume-to-job analysis flow across resume upload, company and job-description inputs, skill matching, and strengths/improvement feedback.
- Prioritized V2 features using RICE, selecting Job Fit Score (210) over ATS Alignment Helper (168) and Employment Type (24), and added Dark Mode after identifying interface brightness as a usability issue during testing.

VT Meal Plan Selector | Software Engineering Project | [Website](#)

Sept 2026

- Designed and developed a meal-plan recommendation tool for Virginia Tech students, addressing the difficulty of choosing among dining plans based on eating preferences, budget, and expected campus dining usage.
- Built recommendation logic using Java with an HTML/CSS/JavaScript interface, using dining preferences and estimated daily spending to calculate semester usage, compare available plans, and recommend a matching option.
- Defined acceptance criteria and tested both recommendation paths, verifying dining-hall plan navigation and a multiple-dining scenario where \$20 in estimated daily spending produced a Maroon Plus recommendation.

MyYouthspan | High School Research Project

- Co-owner and Co-founder of [MyYouthspan](#) a Medical Machine Learning product.
- Worked with thirty professionals, including medical doctors, chief technology officers, data scientists, and machine learning specialists, to develop an exciting new product.
- The product applies data science and machine learning to the latest wellness and longevity research data to make personalized recommendations to people on how to live longer and healthier.
- Privileged to have two papers published in the International Journal of Social Science and Economic Research ([Volume- 8- Issue- 9- September - 2023](#), [Volume- 9- Issue- 2- February - 2024](#)).

SKILLS & TOOLS

- **Product Management:** PRDs, MVP Definition, User Stories, Acceptance Criteria, RICE, MoSCoW, Usability Testing, Product Metrics
- **Programming:** Java, SQL, HTML/CSS, JavaScript
- **Tools:** Figma, Jira, Lovable, Google Workspace, GitHub, VT's ARC

CERTIFICATIONS

- Introduction to Generative AI, Introduction to Large Language Models, Google Cloud
- SQL for Data Science, Coursera
- Product Management Fundamentals, Xbox Product Manager Professional Certificate