Vina Raja

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EDUCATION

Boston University   **Boston, MA**
Master of Science, Software Development | GPA: 3.7   *06/2024 - present*
University of California, Santa Barbara   **Santa Barbara, CA**
Architecture, Architecture Emphasis   *09/2019 - 06/2023*
Girls Who Code, Red Cross Club, Student Council, Mentor Collective - Senior Mentor
Coursework:
Computational Linguistics, Intro to Computer Science, Machine Learning, Information Structures with Python, Prompt Engineering, Agile Software Development, Database Development for Business, Agile Software Development, Data Structures and Algorithms

WORK EXPERIENCE

M &R Consulting Corporation (MRCC) - TechForza   **Irvine, CA**
Software Engineer and Technical Consultant   *Contracted | 05/2024 - present*
- Designed and developed a real-time technician filter map application and Flutter/Dart mobile app to visualize technician locations and active tasks, improving technician response time by 30%.
- Built backend services in PHP and integrated REST APIs, Firebase, and Oracle database for seamless data synchronization between web and mobile platforms.
- Led the development of an address parsing API tool, using Python, usaddress, and SpaCy to automate structured address extraction, improving data processing efficiency by 40%.
- Created workflow diagrams and optimized task assignment logic, reducing order processing time by 20%.
- Collaborated with product and engineering teams to align technical solutions with business requirements and user needs.

Apple   **Los Angeles, CA**
Product Specialist   *12/2023 - 08/2024*
- Delivered tailored demonstrations of Apple Vision Pro, leading to a 5% increase in sales over one quarter.
- Generated 5–10 qualified business leads weekly for Apple Business Services, contributing to a 10% increase in service participation within six months.
- Resolved complex product issues for customers, maintaining 100% customer satisfaction feedback.

RevX Wellness   **Newport Beach, CA**
Software Engineer Intern   *06/2024 - 09/2024*
- Organized and remediated inventory SKUs in the Shopify "Orders" database using Python, enhancing data accuracy by 30%.
- Built a real-time inventory dashboard in Google Looker Studio by integrating Extensiv API via Google Cloud Console, reducing inventory discrepancies by 25%.
- Designed Shopify workflow diagrams and optimized fulfillment options to decrease order processing time by 20%.

Vitality Robotics   **Research Triangle Park, NC**
Software Engineer Intern   *07/2023 - 10/2023*
- Developed and deployed solutions including a Slack app with AI capabilities (ChatGPT API), real-time website monitoring tools (AWS Lambda, EC2, CloudFront), and user-friendly dashboards using Flask and HTML.
- Reduced deployment time by 50% via CI/CD pipelines with GitHub Actions and improved code reusability by 20% with CLI-integrated reusable tools.
- Collaborated on 9 software solutions with a team of 4 engineers using Agile and Scrum methodologies.

PROJECTS

Portfolio Website - In Progress
- Designing and building a personal portfolio website hosted on GitHub Pages using HTML, CSS, and responsive web design best practices

Senior Capstone Project - *Project Lead The Way Engineering*
- Led the design and development of an engineering project from concept to prototype, applying principles of user-centered design, product iteration, and team collaboration.

CERTIFICATIONS

Introduction to Programming with Python and Java Specialization   *University of Pennsylvania*
Scripting in Python   *Rice University*
Product Manager Professional Certificate   *IBM*
AI Developer   *IBM*

SKILLS

Skills: Python, SQL, PHP, Dart, Flutter, HTML, CSS, AWS, GitHub, CI/CD pipelines, REST APIs, Firebase, Oracle, Shopify, Google Cloud Console, Looker Studio, Jira, Agile Development, Data Analysis, Product Development, Problem Solving, Leadership, Communication, Customer Empathy