

ZUVAIRIYA BANU KHALEEL

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SUMMARY

An Engineer with a robust background in software development, specializing in application security. Demonstrates a track record of enhancing security frameworks, reducing vulnerabilities, and optimizing operational processes. Skilled in cross-functional collaboration, with a keen eye for automating and refining security practices within software development cycles.

EDUCATION

Simon Business School, University of Rochester

Rochester, NY

Master of Science in Technical Entrepreneurship and Management (STEM) | 65% scholarship

December 2024

- **Coursework:** Product Innovation, Product Development, Product Quality Management, Product Marketing, Product Data Analytics, Software Development, Business Administration, Product Launch (GTM) Strategies.

Vellore Institute of Technology

Chennai, India

MS in Software Engineering | CGPA: 3.9/4.0 | Rank 8/301 | Merit Scholar | Student Leader

April 2019

PROFESSIONAL EXPERIENCE

University of Rochester

Rochester, NY

Marketing & Public Relations Graduate Assistant

August 2023 - Present

- Executed market analysis and content strategy, *increasing followers by 23% and views by 76% on Instagram.*
- Spearheaded *feedback analytics from over 2000+ students* post-workshop, enhancing program effectiveness by 30%.

Intel Corporation

Bangalore, India

Product Owner, Information Security Team

January 2022 - August 2023

- *Achieved a 98% reduction* in plain passwords stored in source code by enabling secret scanning in enterprise Git, analyzed, and presented data-driven insights to Security Directors, Managers and Architects.
- Conducted research and streamlined operational support processes from email to tickets and office hours, *resulting in a 70% reduction in response times, improving customer service, and achieving user satisfaction of 93%.*
- Collaborated with 7 teams and *removed redundant features* in all third-party applications, resulting in a *35% reduction in costs.*
- Created Product Roadmap and Executed the upgrade of a critical tool with 3 engineers from the USA, *improving vulnerability detection accuracy by 25%.*
- Identified an opportunity to *reduce external threat by 78%* for all internet-exposed applications and presented the results to Security Managers and Security Architects.

Intel Corporation

Bangalore, India

Information Security Intern & Information Security Engineer s

July 2018 - December 2021

- Migrated legacy codebase of 12 years from AngularJS to ReactJS, improving *usability by 47%.*
- Strategized development of a security orchestration platform, improving digital services and *reducing security inquiries by 60%.*
- Identified and remediated a key jQuery vulnerability, leading to a *47% decrease in open-source risks organization-wide.*

SKILLS

- **Product:** Product Lifecycle Management, Data-Driven Decision Making, User-Centric Approach.
- **Tools/ Framework:** Google Analytics, Tableau, Jira, Figma, SQL, Agile & Scrum, Design Thinking, Objectives and Key Results.

LEADERSHIP & AWARD

- **Spontaneous Recognition Award (SRA), Intel Corporation:** Led a team of three interns from product vision, strategy, product design, development, and release of an information portal, resulting in a 65% reduction in support tickets.
- **Division Recognition Award (DRA), Intel Corporation:** Developed a product roadmap and led the creation of a security dashboard, yielding a 100% faster compliance drop detection and enhancing decision-making for security teams and executives.