

Anuj Kapoor

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Professional Summary

Results-oriented Software Engineer with a Master's in Software Engineering and a proven track record of developing innovative solutions at companies like Ericsson and Microsoft. Skilled in full-stack development, agile methodologies, and emerging technologies including AI and XR. Eager to apply a strong foundation in software architecture and cross-functional collaboration to build impactful, cutting-edge applications.

Professional Experience

ASU Mesh Labs

XR Software Developer

Arizona, USA

August 2025 - Present

- Addressed low engagement in complex subjects by implementing core XR mechanics in Unity/Unreal, resulting in intuitive learning tools that promote user understanding
- Collaborate within a multidisciplinary team to design, prototype, and deploy software solutions that address specific learning objectives.
- Participate in an agile development process, contributing to weekly team meetings, progress updates, and project milestones.
- Solved the challenge of teaching abstract educational concepts by translating them into functional VR scenarios, which enabled new research possibilities and was adopted for multiple different subject areas

Beth Israel Lahey Health

Innovation Intern

Boston, MA, USA

June 2025 - August 2025

- Worked on a team to accelerate innovation across the company.
- Tasked with improving team productivity, I analyzed AI solutions and delivered a proposal for a HIPAA-compliant tool projected to reduce manual data entry by 20%. Worked on creating and hosting MCP tools for use on client side agents.
- Experience with Azure and AWS.

Ericsson

Software Development Engineer

Bangalore, KA, India

August 2022 - July 2024

- Resolved data transmission inefficiencies on R6K devices by implementing packed delivery for uSID, leading to increased scalability and lower overheads
- Worked on and developed multiple system improvements for IPOS.
- Collaborated on stages of systems development lifecycle from requirement gathering to production releases. Excelled in cross-functional and cross-site environments.

Microsoft

Software Development Intern

Hyderabad, AP, India

May 2021 - July 2021

- Identified key usability flaws in the Surface Hub welcome screen; developed and implemented UI improvements that contributed to higher approval in internal testing
- Participated in workshops and presentations related to projects to gain knowledge.

Education

Arizona State University

Master's, Software Engineering

August 2024 - May 2026

GPA: 4

- Research topics like taking user feedback and intuitive UI design
- Projects
- Addressed the inaccessibility of digital text for the Visually Impaired by designing and building an end-to-end LLM app; achieved higher approval rating when compared to pre-existing solutions in user testing.
- Solved the problem of complex, unstructured urban data by developing a Knowledge Graph with a CI/CD API, delivering a web tool that allows users to instantly query and compare habitability metrics.
- Programming Language with Imperative and Declarative elements. Worked with Agile software development and microservices architecture.

Vellore Institute of Technology

Bachelor's, Computer Science

July 2018 - May 2022

GPA: 8.92

Certifications

Professional Development: Secure C/C++ Coding SEI CERT based secure

Skills

AI, Data Science & Analytics: Artificial Intelligence, Data Science, Machine Learning, NLP, Data Analysis

XR, Design & User Experience: Unity, Blender, Figma, UI/UX Design, User Research

Programming Languages: Java, C/C++, python, Kotlin, C#, HTML/CSS

Software Engineering & Architecture: Full Stack Development, Database Management, Agile Software Development, Microservices Architecture, Android Development, SQL, GraphQL, Git, Gradle

Professional & Analytical Skills: Problem-solving, Communication Skills, Team Collaboration, Product Features Analysis

Research Interests: Human Computer Interactions, Wearables, IoT, Declarative Programming, Machine Learning, Artificial Intelligence, Knowledge representation, Decision Making algorithms, Smart Agents