



# Jisoo Barnett

## Clinical Product Engineer

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### SUMMARY

Dedicated Clinical Product Engineer with over four years of experience in developing innovative healthcare technology solutions. Skilled in integrating clinical workflows with software applications, striving to enhance user experience and improve patient outcomes. Expertise includes leveraging AI and machine learning to deliver impactful advancements in health tech. Eager to join an agile team, translating clinician needs into technical specifications and implementing advanced features that elevate clinical practice. Committed to fostering collaboration among cross-functional teams to drive product success and influence strategic direction effectively.

### EXPERIENCE

#### Clinical Product Engineer

HealthTech Innovations 📅 January 2023 - Present 📍 Los Angeles, CA

As a Clinical Product Engineer, collaborating closely with medical professionals to identify their requirements and translate them into technical specifications. Focused on designing and implementing LLM-powered features that streamline clinical processes and support data-driven decision-making. Partnering with product managers and engineers ensures timely delivery and quality in software applications for enhanced healthcare experiences.

- Gather requirements from clinicians to develop tailored software solutions improving workflow efficiency.
- Implement advanced LLM capabilities, facilitating enhanced clinical decision-making and outcomes.
- Engage across product management and engineering teams for effective project execution and delivery.
- Continuously refine products through direct feedback loops with end-users promoting better healthcare interventions.

#### Software Engineer

MedTech Solutions 📅 June 2021 - December 2022 📍 Portland, OR

Worked as a Software Engineer focused on authoring robust healthcare applications designed to enhance user interaction and boost patient engagement. Collaborated within agile sprints to deploy innovative AI-driven tools aimed at minimizing administrative burdens across clinical tasks.

- Designed user-centric applications enhancing interface engagement and usability for healthcare providers.
- Assisted deployment of AI technologies streamlining operational tasks through improved software solutions.
- Participated in code reviews fostering collaboration on best practices and high-quality coding standards.
- Contributed actively to team discussions shaping the development roadmaps aligned with healthcare objectives.

#### Research Assistant

University of Washington 📅 September 2020 - May 2021 📍 Seattle, WA

Served as a Research Assistant supporting various clinical research projects by generating software tools dedicated to data analysis and visualization. Worked collaboratively with faculty and peers while integrating emerging functionalities into existing healthcare applications.

- Developed and maintained software tools providing clear visual aids for complex clinical data interpretation.
- Collaborated seamlessly with academic teams enhancing intersectional insights in interdisciplinary studies.
- Implemented feedback systems for continual improvement of research workflows and application features.

### STRENGTHS

#### 👥 Collaboration

Partnered with clinicians ensuring their voices shape product direction, establishing trust within teams.

#### 💡 Innovation

Pioneered the use of LLM technologies, delivering tangible enhancements based on user feedback.

#### 🔄 Adaptability

Thrived within diverse environments navigating complex challenges with creativity and resourcefulness.

#### 🔧 Problem-Solving

Employed analytical skills to diagnose issues swiftly, resulting in upgraded service implementations.

#### 🔗 Technical Expertise

Proficiently utilized Python and JavaScript in multiple projects aligning with healthcare goals optimizing functionality.

### SKILLS

Full-Stack Development

AI and Machine Learning Applications

User Experience Design

Software Development Lifecycle

Agile Methodologies

Cloud Services

Data Management Systems

Team Collaboration

[Rapid Prototyping](#)

[Testing and Validation](#)

[Systems Integration](#)

[Technical Documentation](#)

[Requirements Gathering](#)

[UI/UX Design Principles](#)

[Iterative Development](#)

[Cybersecurity Basics](#)

## LANGUAGES

English Native

Korean Proficient

## MY CAREER



● Clinical Product Engineer at HealthTech Innovations (3.4 Years)

● Software Engineer at MedTech Solutions (1.5 Years)

● Research Assistant at University of Washington (8 Months)

- Documented procedures for tool usage, ensuring smooth transitions and training for incoming researchers.

## LEADERSHIP & AWARDS

- Certified Health Informatics Professional
- Emerging Leader in Health Tech Award 2025

## EDUCATION

### Bachelor's Degree in Computer Science

University of Washington 🎓 GPA: 3.8 📅 2020 📍 Seattle, WA

**Coursework:** Data Structures, Software Engineering, Machine Learning, Human-Computer Interaction

## CERTIFICATIONS

- Certified Health Informatics Professional 📅 2021
- AWS Certified Developer – Associate 📅 2022

## TECHNICAL SKILLS

- **Programming Languages:** Python, JavaScript, Java
- **Cloud Platforms:** AWS, Azure, Google Cloud
- **Databases:** MySQL, PostgreSQL, MongoDB
- **Frameworks:** Django, React, Flask
- **Tools:** Git, Docker, Jenkins
- **Agile Methodologies:** Scrum, Kanban, Lean
- **Artificial Intelligence:** TensorFlow, PyTorch, Scikit-Learn
- **Web Technologies:** HTML, CSS, RESTful APIs
- **Testing Tools:** JUnit, Selenium, TestNG
- **Version Control:** GitHub, Bitbucket, GitLab

## PROFESSIONAL AFFILIATIONS

- Member of American Medical Informatics Association (AMIA)
- Active participant in Healthcare Technology Conferences

## ADDITIONAL INFORMATION

**Work Status** : Authorized to work in United States. No sponsorship required.

## REFERENCES

AVAILABLE ON REQUEST