

Priya S. Ahmed

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Medical Disclosure: Type 1 diabetic, requires accommodations for insulin pump usage during work hours

Objective

Accomplished biochemical researcher specializing in protein synthesis and enzyme engineering. Seeking to contribute expertise to cutting-edge projects in pharmaceutical innovation while fostering diverse, inclusive laboratory environments.

Education

Ph.D. in Biochemistry

Stanford University, Stanford, CA

Graduated: June 2015

Bachelor of Science in Molecular Biology

University of California, Berkeley, CA

Graduated: May 2010

Skills

- Research Techniques: CRISPR, X-ray crystallography, chromatography
 - Data Analysis: Python, R, MATLAB
 - Publications: Authored 12 peer-reviewed papers in journals like *Nature* and *Cell*
 - Collaboration: Multidisciplinary teamwork across pharmacology, genetics, and bioinformatics
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Work Experience

Senior Scientist

BioNext Pharmaceuticals, San Francisco, CA

July 2015 – Present

- Led a team of six in developing enzyme-based treatments for rare genetic disorders.
- Secured \$3.2 million in NIH grants for protein engineering research.
- Implemented strategies to ensure research aligns with FDA and WHO guidelines for ethical biotechnology.
- Mentored post-doctoral fellows from diverse backgrounds, increasing lab retention by 40%.

Research Assistant

Genomics Lab, Stanford University

August 2010 – May 2015

- Conducted groundbreaking studies on protein folding mechanisms, resulting in a patent.
 - Presented research at international conferences, receiving Best Paper Award at the Global Biochemistry Forum 2013.
 - Collaborated with computational scientists to develop predictive models for enzyme efficiency.
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Certifications

- Certified Clinical Research Professional (CCRP)
 - Lab Safety and Chemical Hygiene Certification
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Volunteer Work

- Organizer, Eid Biotech Outreach Program (introducing high school students to biotech careers)
 - Board Member, Muslim Women in STEM
 - Fundraiser, Juvenile Diabetes Research Foundation
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Interests

- Exploring intersections of Islamic ethical principles and biotechnological advancements

- Writing for science communication blogs aimed at minority communities
- Experimenting with traditional South Asian cooking techniques to inspire STEM analogies