# JESHAD RAHMAN

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## SUMMARY

Results-driven software engineer with experience in full-stack development, cloud infrastructure, and AI/ML applications. Skilled at leading teams, designing secure backend systems, and delivering scalable mobile and web solutions with React, Next.js, Node.js, Prisma, and GCP/AWS. Experienced across healthcare tech, nonprofit digital inclusion, and collaborative engineering, with a strong record of mentoring peers and applying modern frameworks to real-world challenges.

## EDUCATION

**Arizona State University**                                                                                                                                 May 2026
Bachelor of Science in Computer Science                                                                                                        GPA: 3.61

## TECHNICAL SKILLS

**Languages**: Python, C++, Java, TypeScript, JavaScript, C
**Frontend & UI/UX:** React, React Native Expo, Next.js, Tailwind CSS, HTML, CSS, Mobile Development
**Backend & Distributed Systems:** ASP.NET, REST APIs, Node.js, Express, Backend Services, API Development, Database Integration
**Cloud & Infrastructure:** AWS, Azure, Docker, Git, Jira
**Data & ML:** PostgreSQL, MongoDB, MySQL, Prisma, PyTorch, TensorFlow, Airflow, OpenCV

## EXPERIENCE

**Software Engineering Intern**                                                                                                            July 2025 – Present
Irenic Therapeutic Services                                                                                                                           Scottsdale, AZ

- Directed a team of 5 developers to deliver a HIPAA-compliant mobile application in healthcare technology, as measured by meeting sprint deadlines and feature milestones 95% on time, by coordinating agile workflows, code reviews, and cross-functional collaboration.
- Designed and implemented backend workflows with input validation, Firebase authentication, and data encryption, as measured by reducing security-related bugs by 30% in testing, by architecting Prisma-based data models and deploying on Google Cloud Platform.
- Trained and mentored a new cohort of interns, as measured by cutting onboarding time by 50%, by creating structured documentation, walkthroughs, and pair-programming sessions that accelerated their integration into production work.

**Junior Software Engineer**                                                                                                                  July 2025 – Present
Web Surfing Studios                                                                                                                                         Austin, TX

- Participated in structured engineering program with emphasis on Git workflows, code reviews, and collaborative full-stack development.
- Participating in onboarding and completing training.

**Digital Navigator**                                                                                                                          August 2025 – Present
Institute for Digital Inclusion Acceleration                                                                                                         Tempe, AZ

- Accomplished adoption of online tools by 50+ community members, as measured by pre- and post-workshop assessments showing a 70% increase in confidence using healthcare, education, or job-access platforms, by facilitating both group workshops and one-on-one technical coaching, customizing support based on individual tech literacy levels.
- Accomplished expansion of digital inclusion reach by underserved populations, as measured by adding 3 new partner organizations and increasing program participants by 30% within 2 months, by coordinating outreach, aligning resources, and co-designing programs with community partners.
- Accomplished improved digital skills retention, as measured by 80% of coached individuals performing independently on key tasks (e.g. setting up video calls, using email, submitting applications) one month after training, by creating step-by-step guides, and hands-on practice.

## PROJECTS

**Jeshadify** – Spotify-Themed Developer Portfolio                                                                         August 2025 – September 2025

- Developed Jeshadify, a full-stack personal portfolio styled after Spotify's interactive interface, as measured by 100% mobile responsiveness and dynamic navigation across projects, skills, and experiences, by building with Next.js, React, TypeScript, and Tailwind CSS.
- Strengthened frontend engineering skills (modular components, debounced search, state management) and UI/UX design principles, as measured by creating 10+ reusable components and implementing animations, by applying responsive design patterns, context providers, and optimized image handling.

**PinchDraw** – Web-Based Gesture Drawing Game                                                                                   June 2025 – July 2025

- Created a browser-based drawing game powered by real-time hand tracking, as measured by responsive gesture recognition and customizable brush controls, by integrating WebGL rendering with camera-based pinch detection for an intuitive user experience.
- Enhanced skills in web development and computer vision, as measured by implementing dynamic UI controls and fingertip-aligned brush offsets, by using JavaScript, getUserMedia APIs, and real-time gesture recognition techniques.

**JeshadGPT** – Conversational Recruiter Chatbot                                                                             August 2025 – September 2025

- Developed an interactive recruiter-facing chatbot portfolio, as measured by 100% successful Q&A coverage of my projects and skills during testing, by integrating Python, Streamlit, and OpenAI's API into a retrieval-augmented generation (RAG) pipeline with FAISS vector search.
- Enhanced natural language processing and system design skills, as measured by reducing irrelevant answers by 60% compared to a baseline model, by grounding chatbot responses in curated documents like my resume, project notes, and bio.