

# Kinjal Chatterjee

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## EDUCATION

### Arizona State University

Tempe, AZ

*Master of Science in Computer Science (Big Data Systems) | GPA: 4.0*

*Aug. 2025 – May 2026*

- Relevant Coursework: Data Mining, Distributed Systems, Machine Learning, Data Visualization

*Bachelor of Science in Computer Science | GPA: 4.0*

*Aug. 2021 – May 2025*

- Relevant Coursework: Algorithms, Data Structures, Artificial Intelligence, Natural Language Processing

## EXPERIENCE

### Software Engineer Intern

Aug. 2024 – Present

*SeeMe LLC*

*Phoenix, AZ*

- Engineered robust iCloud sync leveraging SwiftData and CloudKit, ensuring seamless cross-device data synchronization and boosting retention by 40% with optional model relationships and granular permissions
- Built export/import infrastructure with ContextGenerator and FileGenerator, empowering users to backup, share, and migrate data while doubling analytics visibility
- Unified Apple, Google, and Outlook calendar integrations with OAuth flows and async event caching to enable context-aware AI coaching and improve productivity by 25%
- Facilitated agentic onboarding with ElevenLabs voice lifecoaches and ContextGenerator, reducing drop-off by 20% and enhancing initial app experience

### Data Analyst Intern

May 2024 – Aug. 2024

*Tech Mahindra*

*Abu Dhabi, UAE*

- Automated complex ETL pipelines utilizing SQL, Python (pandas, numpy), and Excel macros, improving data reliability and accelerating business reporting cycles by 40%
- Executed deep data cleaning and validation across large data lake environments, using advanced scripts to reduce manual error corrections by 50% and enhance client deliverable quality

### Teaching Assistant & Grader

Aug. 2022 – Jan. 2023

*School of Mathematical and Statistical Sciences*

*Arizona State University, Tempe, AZ*

- Led exam review sessions, office hours, and proctored exams, boosting average student exam scores by 30%.
- Graded 60+ assignments weekly with streamlined rubrics and structured feedback, reducing grading turnaround to 3 days.

## PROJECTS

### AutoMeet | *Next.js, TypeScript, Node.js, Firebase, AWS S3, LangChain, Groq*

2024

- Designed and developed a full-stack platform that automates joining Zoom meetings and recording audio, powered by a Node.js bot and Puppeteer
- Implemented real-time transcription and meeting summaries using AWS Transcribe and LangChain, integrated with Groq for advanced AI insights
- Managed dashboard, calendar, authentication, and history tracking via Firebase and Next.js; deployed audio storage on AWS S3

### Challenge (Refugee Policy Simulator) | *Next.js, TypeScript, React, Tailwind CSS, React-PDF, EmailJS*

2024

- Developed an interactive web app for refugee policy simulation, guiding users through ethical policy choices and real-world scenarios
- Built PDF generation and email integration for decision summaries using React-PDF and EmailJS, optimized with Tailwind CSS for responsiveness

## ACHIEVEMENTS & CERTIFICATIONS

- Won **1st place** in State Farm's "Best Hack for Safety" at SunHacks 2025, Arizona's largest hackathon hosted by MLH, for building **crises.ai**—an AI tool empowering State Farm agents to respond to emergency situations.
- Secured **1st place** at WiCS Hackathon 2024 with Instacare, creating an AI-driven platform for real-time location of the nearest ER
- Awarded **1st place** at Startup Village Hacks 2025 for developing Solisa Lite, delivering tailored insurance marketing workflow solutions
- Earned **AWS Certified Cloud Practitioner (CCP)**, demonstrating proficiency in foundational cloud infrastructure and AWS best practices | Links: [Badge](#) | [Certificate](#)

## TECHNICAL SKILLS

**Languages:** Java, Python, JavaScript, HTML/CSS, C/C++

**Frameworks:** React, Next.js, Node.js, TailwindCSS, Flask, FastAPI, JUnit

**Libraries & Tools:** Git, Docker, AWS, GCP, pandas, NumPy, Matplotlib, Scikit-Learn, TensorFlow

**Databases:** PostgreSQL, MongoDB, SQLite