

KESHAHA RANGA DATTA RAJAVARAM

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EDUCATION

Arizona State University

M.Sc Computer Science

Aug 2023 - May 2025

Overall GPA: 4.00/4.00

Birla Institute of Technology and Science, Pilani, India

B.E Electronics and Instrumentation

Aug 2019 - Jun 2023

Overall GPA: 8.35/10

PROFESSIONAL EXPERIENCE

FlairX | Software Engineer Intern | *San Francisco(Remote), USA*

Mar 2025 - Present

- Engineered APIs for a benchmark dashboard comparing candidate interviews, enabling insights across 100+ job postings.
- Scaled interview capacity from 1 to many concurrent interviews by enabling multi-host scheduling, increasing daily interview capacity from 8 to 40+ and cutting candidate wait times by 75%.
- Identified a critical TypeORM issue causing silent column drops, preventing data loss across 10+ production tables.
- Improved backend observability with structured logs, reducing debug time by 40% and archiving logs to AWS S3.
- Set up automated SMS and email reminders, cutting interview no-shows and reschedules by 30

True Mates | Software Engineer Intern | *Los Angeles(Remote), USA*

Jun 2024 - Feb 2025

- Led backend development by collaborating with a cross-functional team of backend, frontend, UI/UX developers, and a product manager, engineering and deploying Express.js modules to scale server-side applications for 1000+ users, reducing response time by 40% and significantly enhancing user experience and system reliability.
- Cut costs by 42.5% by analyzing resource utilization and implementing scheduled de-provisioning of resources.
- Implemented webhooks to handle subscription renewals for App store and Google Play subscriptions, eliminating reliance on third-party tools like Stripe and removing 100% transaction fees.

HERE Technologies | Data Science Intern | *Mumbai, India*

Jan 2023 - Jun 2023

- Analyzed data to pinpoint significant EV behavior locations from 3+ vast location datasets.
- Conducted data quality assurance and corrected inconsistencies, which resulted in a 25% improvement in data accuracy.
- Launched AWS RDS instances, conducted query performance analysis improved response time by 35%.
- Simulated a comprehensive 6-month EV charging station dataset, showcasing data versatility and scalability.

Qualcomm | Interim Engineering Intern | *Hyderabad, India*

May 2022 - Jul 2022

- Refined a chipset design tracing and validation system, reducing manual validation time by 50%.
- Introduced a source-to-target path-tracing algorithm with pin path validation, increasing error detection rate by 40%.

PROJECTS

Popchoice | *Huggingface Transformers, Supabase, Cloudflare Workers* | [Github](#)

Feb 2025 - Mar 2025

- Built a RAG-based movie recommender using embedding similarity to suggest films by user preference.
- Stored OpenAI embeddings in Supabase and used Cloudflare Workers for efficient, rate-limited retrieval.

Pollyglot | *Huggingface.js, React, Cloudflare* | [Demo](#) | [Github](#)

Jan 2025 - Feb 2025

- Developed a translator app for text translation using Huggingface inference endpoints, with a responsive chat interface.
- Integrated Cloudflare Worker and AI Gateway for optimized API calls, caching, rate limiting, and security, while deploying the frontend on Cloudflare Pages with CI/CD pipelines for automatic updates.

StockCentral | *Node.js, Express.js React, JavaScript, TypeScript, Docker, AWS* | [Demo](#) | [Github](#)

Nov 2024 - Jan 2025

- Developed a Full-Stack Web Application to consolidate and track investment portfolios across multiple brokerages on a single platform, empowering users to make informed financial decisions.
- Administered a robust backend with PostgreSQL for reliable data storage, designed responsive frontend interfaces with Tailwind CSS for enhanced user experience and automated deployment processes using Docker and GitHub Actions.

SKILLS

Languages

Go, Python, C/C++, Java, Javascript, TypeScript, HTML/CSS, PHP

Frameworks

Node.js, Express.js, React, Gin, PostgreSQL, MongoDB, Springboot, Linux, Huggingface, Langchain

Tools

AWS, GCP, OpenAI API, Postman, Git, Docker, Kafka, Firebase, JIRA, VSCode, REST APIs

CERTIFICATIONS

- AWS Certified Cloud Practitioner | 2024