

Rohith Venkatesh

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WORK EXPERIENCE

Brightspot

Senior Software Engineer

August 2021–Present

Reston, Virginia

- **Directed engineering** across **six projects** with Brigham Young University, BYU–Idaho, BYU–Hawaii, Pathway Worldwide, Ensign College, and Wharton—collectively powering **2,000+ sites** and **100k+ visitors**. **Managed 2–3 engineers per project**, standardizing CI/CD with **GitHub Actions** and improving release reliability.
- **Led engineering partnership with the Los Angeles Times**, collaborating with their CTO to design scalable CMS infrastructure, execute zero-downtime weekly AWS blue-green deployments via Brightspot’s Beam/Gyro IaC, and ensure continuous production stability.
- **Architected large-scale data migration and ingestion pipelines** in Java to process thousands of records from legacy systems and external APIs into Brightspot CMS records, ensuring idempotent updates and data integrity.
- **Integrated secure authentication workflows** using SAML/Okta SSO to support federated identity for **hundreds of daily users**.
- **Boosted CMS search relevance by 80%** through Smartlogic Semaphore (Semantic AI), surfacing key content **60+ ranks higher** and improving visitor engagement metrics for the Church of Jesus Christ of Latter-day Saints.
- **Applied LLM-based tools (OpenAI/Anthropic)** to improve debugging accuracy, code clarity, and documentation speed—accelerating delivery cycles. Prototyped **prompt-engineered assistants** and **AWS Bedrock integrations** during internal hackathons.

Share

Frontend Engineer & Designer

March 2019–May 2021

College Park, Maryland

- **Engineered and delivered** the beta for a cross-platform C2C rental marketplace using **Flutter/Dart**.
- **Designed** user flows and UI/UX in **Figma**, streamlining the end-to-end rental experience.
- **Developed** a marketing website with **React** and **GatsbyJS** to drive user acquisition.

University Of Maryland—College Park

Teaching & Research Assistant

August 2019–May 2021

College Park, Maryland

- **Mentored** students in web development and led office hours, improving average student performance by ~10%.
- **Developed** a fake-news detection filter using **Independent Component Analysis (ICA)** and machine learning classifiers in **MATLAB**, in collaboration with Prof. Zois Boukouvalas.

EDUCATION

University of Maryland, College Park

B.S. Computer Science, Minor in Mathematics

GPA: 3.64 / 4.0; **Honors:** Dean’s List

Graduated May 2021

College Park, Maryland

TECHNICAL SKILLS

- **Languages:** Java, JavaScript, Python, SQL, GraphQL
- **Frameworks & Libraries:** JUnit, React, HTML/CSS, Retrofit, Django
- **Cloud & DevOps:** AWS, Docker, Kubernetes (k9s), GitHub Actions, Beam/Gyro (IaC), Gradle, Datadog, Coralogix, Zabbix
- **AI & Tools:** OpenAI & Anthropic APIs, RAG concepts, GitHub Copilot, Claude Code, Cursor, Git, Figma

ADDITIONAL EXPERIENCE

Lead Guitarist & Co-Founder, The Laterals (Local Rock Band)

December 2023–Present

- **Composed, recorded, and produced** original music, **releasing 15+ songs** across major streaming platforms via DistroKid and reaching **3,000+ monthly listeners**.
- **Managed** rehearsals, studio sessions, and live performances—including 10+ DC-area shows and a *Battle of the Bands* win securing 12 booked gigs.
- **Oversaw marketing and visual design**, creating artwork and promotional assets for digital releases and events.