

Scalable systems • AWS Cloud • Cross-Platform Applications • ML Integration • Pro Mobile App Developer

EXPERIENCE

<b>MdThink, Maryland</b>	<i>Node.js, PostgreSQL, Python, Angular, AWS (Lambda, EC2, S3)</i>	
<i>Senior Software Developer</i>		2022 - PRESENT
<ul style="list-style-type: none"><li>Led architecture and <b>full-stack development for public service apps</b> serving 50K+ daily users.</li><li>Designed RESTful APIs and real-time services with <b>optimized SQL</b>. Migrated the PostgreSQL DB to Aurora with RLS.</li><li>Reduced server startup latency by 40% through <b>Node.js upgrades and async I/O restructuring</b>.</li><li><b>Applied security best practices</b>, including RBAC, encryption, and scalable session handling.</li><li>Deployed AWS infrastructure using <b>CI/CD</b> and integrated observability tooling.</li><li>Directed agile sprints, mentored junior devs, and enforced high-quality code standards.</li></ul>		
<i>Full Stack Developer</i>		APR 2019 - 2022
<ul style="list-style-type: none"><li>Maintained and enhanced cross-functional backend features for government platforms.</li><li>Collaborated on frontend logic and client-server sync with focus on mobile-friendly performance.</li><li>Resolved production issues in real time and coordinated BA for testing cycles.</li></ul>		

<b>GMU, Virginia</b>	<i>OpenCV, Matplot, Conda, PyTorch</i>	
<i>Machine Learning Research Assistant</i>		2016 - 2018
<ul style="list-style-type: none"><li>Developed ML pipelines for image genre classification using CNNs (40+% baseline accuracy).</li><li>Conducted sentiment analysis using NLTK and bag-of-words on local restaurant reviews.</li><li>Prototyped Android interface for mobile ML consumption.</li></ul>		

PROJECTS

<b>Twirly App</b>		
<i>Full Stack Developer</i>	<i>React, Supabase, Postgres, Tailwind, Framer Motion</i>	2025 - PRESENT
<ul style="list-style-type: none"><li>Designed and developed a real-time social comparison platform for mobile and web using React with Capacitor.</li><li>Built a live voting system with Supabase subscriptions and PostgreSQL Row Level Security (RLS).</li><li>Created interactive user flow, animated visualizations, and dynamic updates.</li><li>Implemented mobile-first UI with smooth transitions (Framer Motion) and infinite scroll for TikTok-style browsing.</li><li>Enabled beta testing with Sentry integration, offline support, and feedback collection via Supabase functions.</li></ul>		

<b>Daywise</b>		
<i>Full Stack Developer</i>	<i>Kotlin Multiplatform, Hugging Face, GPT, ML personalization</i>	2024 - PRESENT
<ul style="list-style-type: none"><li>Built an ADHD-friendly To-Do mobile app using LLMs for predictive, personalized tasking.</li><li>Architected shared business logic for Android/iOS using Kotlin Multiplatform.</li><li>Designed mobile UI with MVVM, Compose, and adaptive UX for cross-device consistency.</li><li>Used chatgpt to improve user experience by predictive behavioral analysis.</li></ul>		

SKILLS

- Languages & Frameworks:** Python, Java, Node.js, Kotlin, TypeScript, React, Angular, SwiftUI
- Frontend:** React, Angular, Tailwind CSS, HTML/CSS, Kotlin (Multiplatform), SwiftUI
- Cloud & DevOps:** AWS (Lambda, EC2, S3, Kinesis, RDS), Docker, Kubernetes, Jenkins, GitHub, NewRelic
- Databases:** PostgreSQL, MySQL, Oracle, MongoDB, Query Optimization, PL/SQL
- Realtime & Streaming:** WebSockets, Supabase, Pub/Sub, Live event lifecycle services
- Machine Learning:** Hugging Face Transformers, PyTorch, scikit-learn, NLP, OpenCV
- Architecture & Tools:** REST, CI/CD, Git, Linux, Agile, JIRA, Microservices, Web Security
- 3D UX:** Unity, Blender, 3D interactive VR App Development

EDUCATION

George Mason University, VA - <i>Master of Science in Computer Science</i>	2016 - 2018
JSS Academy of Technical Education, India - <i>B. Tech in Computer Science &amp; Engineering</i>	2012 - 2016