

Sashank Varma Buddhharaju

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EDUCATION

Georgia State University

Atlanta, GA

Bachelor of Science in Computer Science | GPA : 3.74

June 2022 - May 2026

Academic Honors: 5× Dean's List, 3× President's List

Relevant Coursework: Object Oriented Programming, Data Structures and Algorithms, Software Engineering, Software Development, Big Data Programming, Cybersecurity, Data Visualization, Operating Systems

TECHNICAL SKILLS

Languages: Python, JavaScript, TypeScript, SQL (PostgreSQL, MySQL), Java, C, C++, C#, PHP, Bash, HTML/CSS, R
AI/ML: TensorFlow, PyTorch, Hugging Face, Scikit-learn, OpenCV, CUDA, GenAI (GPT, Claude, Gemini), RAG, LangChain
Cloud & DevOps: AWS, Azure, GCP, Docker, Kubernetes, Terraform, CloudFormation, Jenkins, GitLab CI/CD, Azure Pipelines
Data Engineering & Platforms: BigQuery, Snowflake, Databricks, Apache Airflow, Pandas, NumPy, Firebase, Supabase
Full-Stack & Analytics Tools: React, Next.js, Node.js, FastAPI, Flask, React Native, REST APIs, WebSockets, Tableau, Power BI, Excel, Jupyter Notebook, Figma, DBaver

PROJECT EXPERIENCE

Roomio Mobile App - Roommate Matching App (React Native)

September 2024 – September 2025

- Built Roomio, a cross-platform roommate/housing matching app with two profile types (Looking for Roommates vs Looking for Owners) and a Tinder-style swipe feed that surfaces only opposite-type profiles for stronger matches.
- Developed a scalable React Native (Expo SDK 54) + TypeScript codebase using reusable components, custom hooks, and a service layer; implemented navigation with Expo Router for maintainable routing.
- Integrated Supabase (Auth, PostgreSQL, Storage) to deliver secure sign-in, profile management, image uploads, and real-time chat for matched users.
- Converted an existing Next.js web app into a mobile-native experience by rewriting UI with React Native StyleSheet, removing DOM dependencies, and adding push notifications + camera/media support.

Pathway - AI-Powered Career Readiness Website

August 2025 – December 2025

- Architected and deployed a full-stack AI-powered career platform using Node.js, Express, and React, integrating Generative AI models (OpenAI/Gemini) for automated resume tailoring and intelligent job matching.
- Engineered a secure backend with JWT authentication, OAuth2 flows, and encrypted data storage, while integrating LinkedIn API for real-time networking and job recommendations.
- Developed and validated core features—including AI-driven mock interviews, application tracking, and skill gap analysis—through a comprehensive Jest + Supertest suite, ensuring reliability across 15+ use cases.
- Designed a scalable PostgreSQL database schema with 11 normalized tables and implemented a microservices architecture hosted on Render, focusing on performance, maintainability, and user-centric UI/UX.

WORK EXPERIENCE

Sports Media Inc - AI/Software Engineering Intern

January 2026 – Present

- Contributed to SOP-driven development for sports media SaaS workflows, supporting automation across website operations, internal tools, and content pipelines.
- Built and tested AI/LLM-assisted features (prompting + NLP workflows) for interactive content use cases, improving response relevance and usability through iterative refinement.
- Assisted with integration and configuration of software tools (WordPress/CRM/automation systems), documenting procedures and creating repeatable checklists to standardize execution.
- Collaborated cross-functionally (product, marketing, operations) in weekly workflows to ship updates, troubleshoot issues, and improve reliability, security, and scalability practices.

McDonalds - Team Lead

August 2022 - December 2022

- Coordinated a 5 - person team to execute time-sensitive workflows, troubleshoot issues quickly, and maintain performance during high-traffic periods.
- Standardized training for new employees across POS and operational procedures to improve reliability and reduce mistakes.
- Ensured accurate cash reconciliation and order validation through consistent process checks and attention to detail.

CAMPUS INVOLVEMENT

Hindu YUVA - Marketing and Social Media Co - Chair

August 2023 – December 2025

- Managed digital marketing campaigns, boosting engagement and social media following by 75% using analytics-driven strategies.
- Created promotional assets in Canva and Adobe Creative Suite, improving event turnout to 150+ participants.
- Leveraged Google Analytics and social media insights to track and optimize campaign performance.
- Developed and maintained event web pages, applying basic coding and troubleshooting skills to enhance user experience.