Rishab Seshadri

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EDUCATION

University of Georgia   Athens, GA
B.S. in Computer Science, B.S. in Applied Mathematics; GPA: 3.91   *May 2026*
- Awards/Honors: Presidential Scholar (x3), Dean's List (x6), HOPE Scholarship, CURO Scholarship
- Coursework: Algorithms, Software Engineering, Computer Architecture, Applied Linear Algebra, Robotics

TECHNICAL SKILLS

Languages: Java, Python, JavaScript, C++, SQL
Tools: Node.js, Express.js, MariaDB, ROS2, Jenkins, Snowflake, GCP
Skills: Git, Jira, Agile/Scrum, CI/CD, REST APIs

EXPERIENCE

Software Engineer Intern   Jun 2025 – Present
Cisco   *Research Triangle Park, NC*
- Developed a dynamic dashboard to enable E2E testers to track issues in staging and locate responsible developers
- Collaborated in a four-person engineering team, defining scope, planning sprints, and leading feature development
- Reduced a 2–3 day release testing stage to 30 minutes, improving turnaround time and information accessibility

Chief Technology Officer   Apr 2023 – Dec 2024
Kavi Media   *Alpharetta, GA*
- Managed a team of five developers creating front-end, database, and back-end platforms for Kavi Media, a South Indian music, podcast, and audio streaming company
- Collaborated with teams to make key business and technical decisions for the app and company
- Developed server-based storage systems for listener and internal data using MariaDB, along with an Express.js-based API for the app to access this data

Software Engineering Intern   May 2024 – Aug 2024
NCR Voyix   *Atlanta, GA*
- Integrated a machine learning-based sales forecasting model into an existing product frontend leveraging Jupyter notebooks for analysis and prototyping
- Implemented data validation pipelines using BigQuery for pre-processing and monitoring data drift
- Collaborated with AI/ML engineers to deploy and fine-tune models using Kubeflow, improving prediction accuracy

PROJECTS

Kavi Database | *JavaScript, MariaDB, SQL, Unix, ExpressJS, Git*   Apr 2023 – Dec 2024
- Developed a full user and app data storage system for a music and other audio streaming app
- Implemented a MariaDB-based SQL database and an accompanying API for retrieving user data
- Integrated API into an Ubuntu server with error handling and vitals checks

RESEARCH

Heterogeneous Robotics Lab | *Python, C++, ROS2, NetworkX, Unix scripting*   Jan 2024 – Present
- Working with Dr. Ramviyas Parasuraman and other researchers at the UGA HeRO Lab to build odometry, movement, and other programs for a multirobot swarm system
- Building a Python-based graph network system to allow faculty with similar backgrounds and research categories to connect and network

LEADERSHIP & INVOLVEMENT

University of Georgia Robotics IEEE Team | *Co-captain, Programming Lead*   Apr 2022 – Jun 2025
- Led a team of 12 students who are designing, building and programming a robot to compete in the IEEE Southeast Conference
- Implemented pathfinding and object detection using OpenCV in Python and a stereovision camera
- Wrote ROS Melodic code for the robot using a variety of Python scripts on an NVIDIA Jetson Nano