

Manav Majithia

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SUMMARY

As a dedicated Software Engineer, I blend a solid foundation in computer science with hands-on experience in full-stack development and data analytics. I hold a Bachelor of Science in Computer Science from the State University of New York at Buffalo and am proficient in various programming languages, including JavaScript/TypeScript, Python, Ruby, Java, and C/C++. I thrive on tackling complex challenges and continuously expanding my skill set. When I'm not coding, you can find me hiking, enjoying sports, or diving into new interests.

EXPERIENCE

Senior Data Furnishing Analyst (Python Automation & Internal Tools)

Oct '25 — Present

Array US Inc.

India (Remote)

Promoted within two years for leading automation initiatives and developing internal Python tools that improved data operations.

- Developed internal Python tools (e.g., Streamlit-based Metro2 Search Tool) to simplify data lookup, validation, and analysis.
- Automated QA, data cleaning, and file conversion processes using Python (pandas, openpyxl), improving efficiency and accuracy.
- Built and maintained internal data pipelines to automate client file processing and furnishing workflows.
- Created Python scripts for data transformation, format conversion, and error report generation to ensure compliance with data standards.
- Collaborated cross-functionally with analysts, engineers, and client support teams to identify automation opportunities and deliver reliable tooling solutions.
- Designed user-friendly internal utilities to enable non-technical teammates to execute complex data tasks with minimal technical intervention.
- Established best practices for QA scripting, data management, and internal documentation to standardize automation workflows across projects.

Project Associate - Data Analytics

Nov '23 — Oct '25

Array US Inc.

India (Remote)

- Processed and cleaned client data files, ensuring adherence to industry standards and internal protocols.
- Conducted QA checks on data files using Python scripts to identify and correct inconsistencies.
- Built automation scripts to improve reporting accuracy and reduce manual effort.
- Facilitated communication between operations, data, and client teams to ensure smooth data delivery.
- Supported clients via CRM platforms such as Salesforce and Zendesk.

Software Engineer

Nov '21 — Nov '22

ListenFirst

New York, United States (Remote)

- Led the development of Platform Deep Linking across the analytics platform, enabling users to share and reload complex views with filters, channels, and metrics encoded in URLs.
- Implemented Redux-based state management to persist and synchronize user-selected parameters across pages, improving user experience and session consistency.
- Collaborated with product and design teams to define deep linking behavior, ensuring seamless integration with routing, analytics, and permissions.
- Developed and maintained scalable, testable, and efficient code across the React + Ruby on Rails + PostgreSQL + AWS stack following Agile and TDD principles.
- Reviewed QA feedback, resolved cross-environment bugs, and ensured robust deployments through CI/CD pipelines (Jenkins).
- Participated in sprint planning, code reviews, and documentation, promoting best practices for code quality and collaboration.

EDUCATION

B.S. in Computer Science, University at Buffalo, The State University of New York

Jun '21
Buffalo, United States

SKILLS

Tools & Technologies React.js, Next.js, Node.js/Express.js, FastAPI, Ruby on Rails, PostgreSQL/MySQL, MongoDB, Supabase, GitHub, Figma, Vercel, RSpec, Jest, pytest, Pandas, NumPy, streamlit, TailwindCSS, AWS

Programming Languages JavaScript/TypeScript, Python, Ruby, Scala, Java, C/C++, PHP, SQL, HTML, CSS

Methodologies Agile Development, Scrum, Test-Driven Development, Object Oriented Programming