Srishti Nagraj

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EDUCATION

University of South Florida *Aug 2022 - Dec 2025*
Bachelor of Science in Computer Science **GPA: 3.68/4.0**
Relevant Coursework: Software Engineering, Database Design, Big Data & Hadoop, Operating Systems

SKILLS

Programming Languages: Python, JavaScript, SQL, C#
Frontend: React.js, HTML5, CSS3, Responsive Design
Backend: Node.js, Express.js, RESTful APIs
DevOps & Tools: GitHub Actions, Jenkins, AWS (S3, EC2), Docker, Git, PowerShell, Jira, Confluence

EXPERIENCE

USF IT *Jan 2025 - Present*
Project Management Assistant
- Managed Agile project execution using Jira and Confluence to track team velocity and milestones.
- Authored technical documentation and standardized processes, improving team delivery speed.

Cummins Inc. *May 2025 - August 2025*
DevOps Engineering Intern
- Built CI/CD pipelines using GitHub Actions to automate testing and deployments for internal dashboards.
- Automated weekly extraction and transformation of qTest user session logs from PostgreSQL using Python and SQLAlchemy, integrating the data into SQL Server and scheduling unattended execution via Windows Task Scheduler and PowerShell, reducing manual reporting effort and improving data accuracy.
- Developed Python ETL scripts and GitHub Actions workflows to ingest GitHub Copilot license data into SQL Server, powering auto-refreshed Power BI dashboards that improved analytics responsiveness.

Cummins Inc. *Jun 2024 – Aug 2024*
Data Analyst Intern
- Delivered 5 executive-level Power BI dashboards integrating Machining data from Databricks & Snowflake, empowering 10+ senior leaders with real-time insights and cutting reporting time.
- Built a PowerApps automation that sends email reminders for overdue Quality Alerts, improving tracking and follow-up of expired reports.

PROJECTS

EERIS *Apr 2025* | View Project
React, Node.js, PostgreSQL, Airflow, Chart.js
- Built a reimbursement platform with OCR to automate financial workflows and expense reimbursements.
- Designed a React and Vite frontend for 1,000+ users featuring OTP login and real-time submission tracking.
- Developed a Node.js/Express REST API with JSON backend (MongoDB-ready) that reduced processing time by 27% using an OpenAI-powered receipt classifier and automated SMTP notifications.

MarketPulse - Ad Campaign Analytics *Nov 2024*
Hadoop, Pig
- Analyzed large-scale datasets to measure campaign effectiveness through KPIs like impressions, and conversions.
- Designed and executed Pig Latin scripts on Hadoop clusters to clean, aggregate, and process 5M+ ad records efficiently.
- Presented insights on campaign performance that demonstrated how data-driven allocation strategies could improve ROI and enhance customer satisfaction through targeted advertising.

Capital Safe *Sep 2023* | View Project
JavaScript, Chrome APIs, REST APIs, Node.js, Express.js
- **Award:** Winner — ShellHacks 2023 Capital One Reimagine Banking Challenge.
- Built a full-stack Chrome extension with a Node.js/Express backend and REST API integrations to deliver real-time phishing and fraud intelligence.
- Designed a responsive frontend with dynamic UI components, integrating log analysis features to surface actionable risk insights.

LEADERSHIP

USF Engineering Council - Chair *May 2024 - May 2025*
- Led a team of 10 to deliver cross-disciplinary events and coordinated operations to support engineering students.
- Represented engineering students in university forums and liaised with faculty leadership.

Data Science Club - VP of Events *May 2023 - May 2024*
- Organized 30+ workshops on data science, machine learning, and big data tools for 150+ attendees.