

Dev Mangrulkar

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EDUCATION

Virginia Polytechnic Institute and State University – Virginia Tech

B.S. Business Information Technology | Class of 2024

Concentration: *Computer Based Decision Support Systems*

Overall GPA: 3.53 | In-major GPA: 3.68 | 6x Dean's List Recipient

Georgia Institute of Technology – Georgia Tech

M.S. Analytics Candidate

Concentration: *Computational Data Analytics*

Fall 2024 – Expected Spring 2026

WORK EXPERIENCE

KPMG

June 2023 – August 2023

Software Engineer Intern – Digital Lighthouse – Federal Advisory (Tysons Corner, VA)

- Engaged as a full stack developer to enhance “Eval”—a survey collection and management tool within an enterprise landscape, enabling streamlined data gathering, consolidation, and analytic capabilities with a focus on securely storing confidential data.
- Leveraged Vue.js, Prisma, TSOA, Postman, Azure DevOps, and Postgres to develop, organize, and deploy several web applications for various use cases across multiple domains.
- Applied SCRUM and Agile methodologies through active participation and leadership in SCRUM ceremonies and contributing to requirements gathering to ensure project efficiency, enhance teamwork, and facilitate timely project deliveries.

Actualize Consulting

May 2022 – November 2022

Technical Treasury Consultant Intern (Reston, VA)

- Created 4 custom API connectors to allow clients to move cash balance and cash flow data from Kyriba (treasury management system) into Google BigQuery and PowerBI to create structured data lakes and visualizations.
- Developed template API connector code to enable customers to connect various Kyriba modules to any other system based on individual client needs.

Sunrise Senior Living

July 2021 – August 2021

Data Analytics Intern (Tysons Corner, VA)

- Designed ERDs in Lucid, and created DDL & DML statements to normalize, structure and organize a database in Snowflake, to create a license management dashboard to catalog inactive PowerBI Premium licenses in order to reduce expenses.

Jetzy

June 2020 – August 2020

Technology Intern – Software Engineer (Remote)

- Collaborated in a team to create and integrate an HR Onboarding and Management system to collect and store new employee information using front and back-end technologies using APIs (Google API Console, Postman, Ninox Cloud database, Zapier).

Undergraduate Teaching Assistant – BIT 4454 Business Analysis Seminar Capstone Class

January 2024 – May 2024

Teaching Assistant for Dr. Alan Abrahams (Blacksburg, VA)

- Mentored students in their semester long capstone class in the BIT major after completing course in high standing, through guiding 5 student development teams in building full-stack decision support systems to solve clients' needs.

PROJECTS & ACTIVITIES

Cincinnati Reds Hackathon 2024

Spring 2024

- Built a Multiple Linear Regression model using MLB datasets to analyze ideal characteristics of starting and relief pitchers to propose roster adjustments.

23rd and 24th Annual Student Leadership Conference

Fall 2022/23

- Selected to attend conference with industry leading companies and business professionals to grow leadership skills and participate in innovative leadership workshops.

Alpha Kappa Psi – Business Fraternity

Fall 2023 – Spring 2024

- Head of Professional Development* (Spring 2024),
Founding Member (Fall 2023)

Phi Kappa Psi – Social Fraternity

Fall 2020 – Spring 2024

- Diversity, Equity, and Inclusivity Chair* (Spring 2023),
Pledge Class President (Spring 2021)

KPMG Campus Ambassador

Fall 2023 – Spring 2024

- Represent KPMG in events, panels, recruitment, marketing, and networking.

Drummer and Sound Engineer

Spring 2010 – Current

- Professional Drummer*, studied music at all academic levels, focusing on drums (amongst many instruments). Training in sound engineering and music technology.

CERTIFICATIONS & SKILLS

- Certifications:** [Microsoft]: “Fundamental AI Concepts”, “Develop an app with Azure AI Language” [Agile]: “Agile Software Development”, “Agile Product Owner Role: Techniques”, “Scrum for Developers”, “Agile Requirements Foundations”, “Agile Testing” [Mendix]: “Rapid Developer”
- Technical Skills + Proficiencies:** Java, Python, JavaScript, TypeScript, pandas, R, HTML, CSS, API, SQL, MySQL, Postgres, Snowflake, Prisma, TSOA, Azure DevOps, Vue.js, Express.js, Node.js, Git, GitHub, PowerBI, Tableau, Postman, Advanced Excel, VBA Excel Macro Programming, M query, BigQuery, Google API Console, Google Analytics, PowerPoint, Word, Outlook, Microsoft Teams, REXX; *Full Stack Developer, Data Analytics, Business Intelligence and Analytics, Computational Modeling, Agile-Minded, ESG-Driven, Leader, Quick Learner, Outgoing, Approachable, Adaptable*