

Michael R. Smith

Full-Stack Developer | Business Intelligence Analyst | Python Developer
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Professional Summary

Passionate and results-driven Full-Stack Developer and Business Intelligence Analyst with expertise in Python, AI, and data science. Skilled in designing scalable web applications, building data pipelines, and delivering actionable insights through advanced analytics and machine learning. Proven ability to solve complex problems, optimize workflows, and create impactful solutions that drive business success.

Key Skills

- Programming & Tools: Python (Flask, Django, pandas, NumPy), SQL, HTML, CSS, JavaScript, React, Node.js, Power BI, Tableau, Excel (VBA, Macros)
 - Web Development: Full-Stack Development, Responsive Design, UI/UX Implementation, Cross-Browser Compatibility
 - AI & Data Science: Generative AI (GenAI), Machine Learning, Natural Language Processing (NLP), Data Engineering Pipelines
 - Certifications:
 - A+ Certification
 - Artificial Intelligence: Machine Learning and Data Science Certification
 - Python Developer Certification
 - C#/.NET Full-Stack Web Development with ASP.NET Core and Blazor Certification
 - Meta Front-End Developer Certification
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Professional Experience

Boston Consulting Group (BCG) Forage – AI Intern - GenAI Job Simulation
Dec 2024

Developed an AI-powered financial chatbot using Python to analyze financial data from 10-K and 10-Q reports.

Designed a user-friendly interface for financial insights and analysis, leveraging rule-based logic.
Commonwealth Bank (Forage) – Data Science Intern Dec 2024

- Built data engineering pipelines to aggregate and extract insights from diverse datasets.
- Ensured compliance with data privacy regulations by anonymizing personal data.

Goldman Sachs Job Simulation (Forage) – Excel Skills for Business Intern
Dec 2024

- Automated data processes using Excel Macros and VBA scripting for sales data.

- Designed interactive dashboards and impactful charts for data storytelling.

USIC – Utility Locate Technician

Mar 2021 – Aug 2021

- Conducted utility identifications with precision for PA 1 call compliance, ensuring safety and accuracy.
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Education

Zero To Mastery Academy – Certifications in Python, AI, and Data Science June

2024Delaware County Community College – Studies in Computer Science 2004

– 2005CHI Institute – Computer & Information Sciences 2002 – 2003

Notable Projects

- Full-Stack Development Projects: Designed and developed responsive, user-friendly web applications using HTML, CSS, JavaScript, React, and Node.js.
 - AI-Powered Solutions: Built financial chatbots, predictive analytics tools, and automation systems using Python, TensorFlow, and scikit-learn.
 - Data Visualization: Created dashboards and visualizations in Power BI and Tableau to deliver actionable insights.
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What I Bring to the Table

- Creative Problem-Solving: Ability to tackle complex challenges and deliver innovative solutions.
 - Collaboration: Strong communication skills and a team-oriented mindset to work effectively with cross-functional teams.
 - Continuous Learning: Passion for staying updated with the latest technologies and trends.
 - User-Centric Design: Focus on creating intuitive and engaging user experiences.
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