DEIONDRE SMITH

FOUNDATION IN PROGRAMMING, SYSTEMS DEVELOPMENT AND CYBERSECURITY

Contact Details
Phone Number: 0672467827

Email: Deiondresmith00@gmail.com

Postal address:

39 Keiskama street, Riverlea,

Johannesburg, Gauteng. 2093

Hobbies
· Gaming
· Gym
· Reading

References
CTU Campus Manager
Lance Krasner
lance.krasner@ctutraining.co.za

PROFESSIONAL PROFILE

Innovative and passionate Junior Software Developer with a strong interest in web and application development. Skilled in full-stack development using ASP.NET Core, Java, SQL Server, and Entity Framework Core, with hands-on experience in building secure and efficient web and desktop applications. I enjoy solving real-world problems through creative coding and continuously learning new technologies and frameworks to improve my craft. Experienced in collaborating on group projects, integrating authentication systems, and managing databases. I'm also passionate about exploring AI-assisted "vibe coding" techniques to deliver clean, maintainable, and practical solutions.

EDUCATION & QUALIFICATION

High School (2018-2022)
St. Barnabas S.O.S
Grade 8 – 12

Tertiary Education (2023-2026)
CTU Training Solutions
2023 – 2024
- Programming Foundation

2024 – 2025
- Software Development

2025 - 2026
- Cyber Security

KEY SKILLS

Technical Skills:
- Languages: C#, Java, Python, JavaScript, SQL
- Frameworks & Tools: ASP.NET Core MVC, Razor Pages, Entity Framework Core, Minimal APIs, Swing, SignalR
- Databases: SQL Server, SQLite, Oracle SQL Developer
- Web Development: HTML, CSS, REST APIs, OAuth, JWT Authentication
- Version Control: Git, GitHub (branches, commits, pull requests)
- Cloud & DevOps: Azure Desired State Configuration (DSC), LocalDB

- AI & Automation: Vibe Coding (AI-assisted programming), Algorithmic Trading Bots

Professional Skills:
- Computer literacy
- Problem-solving mindset with a strong focus on practical solutions
- Collaborative team player
- Fast learner with a curiosity for new technologies and frameworks
- Adaptable
- Good communication skills, effective in both independent and team environments
- Time management
- Task prioritization

Projects
Web & API Development

- Built multiple ASP.NET Core applications, including an Authentication System, Municipality Management System, and Book Manager API using Entity Framework Core and SQL Server.

- Implemented secure login and registration features with OAuth authentication, form validation, and password hashing.

- Developed RESTful APIs supporting CRUD operations and tested endpoints using Swagger.

Desktop Application Development

- Created Java Swing applications, including a Task Manager and Login System, featuring database integration, task filtering, and custom GUI components.

- Database Design & Administration

- Designed and managed SQL Server and SQLite databases for multiple academic projects.

- Applied role-based access control, constraints, and indexing to ensure security and performance.

Cloud & Automation

- Experimented with Azure Desired State Configuration (DSC) for automating virtual machine management.

- Developed a prototype Python trading bot integrated with MetaTrader 5 APIs, exploring AI-driven and algorithmic trading strategies.

AI-Assisted Development ("Vibe Coding")

- Leveraged AI tools to accelerate coding workflows, debug applications, and create rapid prototypes for web and automation projects.