Chadrack Kavula Mulamba

074-513-9343 | chadrackmulamba2@gmail.com | linkedin.com/in/chadrack | github.com/chadrack

SUMMARY

Adept Software Developer with over 3 years of experience in building strong applications and streamlining administrative processes through automation and API integration. Demonstrated success in collaborative team environments, consistently improving project delivery timelines and software quality. Proficient in Python, C#, and JavaScript, with hands-on expertise in modern frameworks and tools including Django, React, Angular, Flask and .NET. Well-versed in Agile methodologies and dedicated to delivering high-quality, user-centric solutions that drive customer satisfaction.

EDUCATION

Master of Science: Applied Data Science   Johannesburg, SA
University of Johannesburg   *Feb. 2024 – Current*

Bachelor of Science: BComs Hons Information Systems   Johannesburg, SA
University of Johannesburg   *Feb. 2023 – Nov. 2023*

Advanced Diploma: Business Information Technology   Johannesburg, SA
University of Johannesburg   *Feb. 2022 – Nov. 2022*

Diploma: Business Information Technology   Johannesburg, SA
University of Johannesburg   *Feb. 2019 – Nov. 2021*

EXPERIENCE

Software Developer   Jan. 2022 – Present
University of Johannesburg   *Johannesburg, SA*

- Designed and developed 2+ custom software solutions using React, Python, SQL, and C to automate administrative processes, improving operational efficiency by 20 per cent.
- Automated the management and tracking of faculty research publications, enabling streamlined workflows for submission, peer review, and publication processes.
- Consistently delivered high-quality software solutions within tight deadlines, contributing to 95 per cent stakeholder satisfaction.

Undergraduate Student Assistant   Feb. 2021 – Nov. 2021
University of Johannesburg   *Johannesburg, SA*

- Assisted in teaching coding concepts and best practices to fellow students in languages such as Python, JavaScript, and SQL
- Provided detailed feedback on 50+ coding projects, helping students improve code quality, efficiency, and documentation

Undergraduate Tutor   Feb. 2021 – Nov. 2021
University of Johannesburg   *Johannesburg, SA*

- Assisted in teaching coding concepts and best practices to 30+ students, focusing on Python, JavaScript, C#, and SQL
- Created and managed coding exercises and projects tailored to students' skill levels and learning objectives in Python, JavaScript, C#, and SQL
- Helped students understand and implement key programming concepts, such as data structures, algorithms, and design patterns, in Python, JavaScript, C#, and SQL
- Provided homework assistance using specific curriculum and materials.

PROJECTS

Special Appointment System | *Python, Flask, React, MS SQL, C#, ASP.NET*

- Designed and developed a full-stack web application to manage special appointments for the university
- Built a RESTful API with ASP.NET and integrated it with a React frontend for seamless appointment scheduling
- Generated dynamic PDFs of appointment details and confirmations using Python

Dnko – Beauty Salon Booking System | *React, Node.js, Express, MongoDB*

- Developed and deployed a responsive web application for salon appointment scheduling with a user-friendly booking interface
- Integrated real-time scheduling with email notifications for booking confirmations and reminders
- Implemented an admin dashboard for managing staff availability, offered services, and customer bookings

CoachWell – Coach Management System | *Next.js, Express, Node.js, MongoDB*
- Built a management platform to help coaches oversee client profiles, appointments, and performance tracking
- Designed and implemented a custom dashboard for coaches to manage clients, sessions, and payment history
- Applied secure user authentication and role-based access control for coaches and clients

Event Registration System | *React, Python, Flask, QR Code, PostgreSQL*
- Developed a real-time event attendance tracking system using personalised QR codes
- Built secure user registration with role-based access for event organisers, attendees, and admins

TECHNICAL SKILLS

Languages: JavaScript (ES6+), Python, SQL (PostgreSQL, MS SQL), C#, HTML/CSS, R
Frameworks & Libraries: React, Next.js, Node.js, Express, Flask, Angular, ASP.NET, WordPress, pandas, NumPy, Matplotlib
Developer Tools: Git, Docker, Postman, VS Code, Visual Studio, PyCharm, IntelliJ
Databases & Services: MongoDB, PostgreSQL, MS SQL Server, Firebase, Redis
Cloud & Deployment: Vercel, Netlify, Heroku, Google Cloud Platform, CI/CD pipelines
Other Skills: REST API design, JWT authentication, WebSockets

LANGUAGES

English
French
Swahili

REFERENCES

Prof Hossana Twinomurinzi
Supervisor – Software Development, University of Johannesburg
Email: hossanat@uj.ac.za
Tel: +27 11 559 1506
Mrs Marie-Vonne Daya
Line Manager – CBE Department, University of Johannesburg
Email: marie-vonned@uj.ac.za
Tel: +27 11 559 4127
Dr. Tebogo Bokaba
Lecturer – Applied Information Systems Department, University of Johannesburg
Email: tbokaba@uj.ac.za
Tel: +27 11 559 1211