CAMERON CHETTY

DRIVEN COMPUTER SCIENCE STUDENT | FULL-STACK SOFTWARE DEVELOPER

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SUMMARY

Passionate Computer Science student with a **98% academic average and 20 distinction**s, driven by a genuine love for solving complex problems through code. Successfully bridged academic theory with practical application, delivering full-stack solutions using Java, C#, Kotlin, Python, and Azure while gaining hands-on experience in professional development environments. Demonstrated ability to optimize database performance and implement robust security measures that protect real client systems, with growing expertise in AI and machine learning applications. Currently leading a cross-functional team developing an industry-standard Service Desk system while maintaining freelance client relationships and contributing to open-source projects. Proven track record of learning new technologies quickly and adapting to evolving project requirements in fast-paced environments. Eager to bring fresh perspective, technical precision, and collaborative spirit to a graduate developer role where I can contribute to meaningful projects in cloud computing and continue growing alongside experienced teams.

EDUCATION

Bachelor of Computer Science in Application Development   2023 - 2025

IIE Varsity College

- **First Place Academic Achievement:** Ranked #1 in entire first-year class with 98% aggregate and 8 distinctions, currently maintaining 98% average with 20 total distinctions across all completed semesters
- **Programming Mastery:** Advanced proficiency in C# and Java with emphasis on data structures, design patterns, enterprise frameworks, and automated testing best practices
- **Full-Stack Development:** Built responsive ASP.NET Core MVC web applications and WPF desktop solutions, mastering mobile-to-desktop responsive design
- **Cloud Architecture:** Deployed scalable applications on Azure utilizing Web Apps, SQL Database, Functions, Blob Storage, Queues, FileShares, and Azure Tables
- **Mobile Development:** Created Android applications using Kotlin and Android Studio with Firebase authentication and Firestore cloud database integration
- **Security & Testing:** Implemented cybersecurity principles and automated testing frameworks using GitHub Actions for CI/CD pipelines
- **Project Management:** Currently serving as Project Manager in Work Integrated Learning, leading development of industry-standard Service Desk with Asset Management and Analytics for live client
- **Software Analysis & Design:** Comprehensive understanding of development methodologies, system architecture, and software engineering best practices
- **Mathematical Principles:** Advanced computational mathematics, logic systems, and algorithmic complexity analysis for computer science applications
- **Academic Research:** Structured research methodologies, technical documentation, and evidence-based analysis for software development projects
- **Professional IT Practice:** Industry-standard project management, team collaboration frameworks, and professional development skills for IT environments

Bachelor Pass   2017 - 2021

Kharwastan Secondary School

- Graduated with a Bachelors Pass, obtained an **average of 86 percent, earning 5 distinctions** in key subjects – Physical Sciences (89%), Information Technology (88%) , Life Sciences (92%), English (84%) and Life Orientation (93%).

PROFESSIONAL EXPERIENCE

Freelance Junior Developer – Self-Employed - Part-Time   **2023 - Present**
- Architected and deployed WordPress solutions with advanced security configurations using Sucuri protection
- Implemented SEO optimization strategies, driving measurable increases in organic traffic and search rankings
- Managed domain infrastructure and hosting environments through Xneelo and CWP Panel staging systems

Intern – Conversation Lab   **2022 - 2023**
- Enhanced conversational AI capabilities using Wit.ai NLP, improving chatbot accuracy through systematic training and performance analytics
- Developed full-stack web applications with focus on user experience optimization and responsive design
- Executed complex SQL queries on SSMS for data extraction, reporting, and performance analysis
- Collaborated on cross-platform content management across SharePoint, Umbraco, and Duda environments

CORE COMPETENCIES

Technical Skills
- **Programming Languages:** Java, C#, Kotlin, Python, JavaScript, HTML5, CSS3
- **Frameworks & Libraries:** ASP.NET Core MVC, WPF, Vue.js, Android SDK
- **Databases:** Microsoft SQL Server, Oracle SQL, MySQL, MongoDB NoSQL, Cloud Firestore, Azure SQL Database
- **Cloud & DevOps:** Microsoft Azure (Web Apps, Functions, Blob Storage, Queues), GitHub, Azure DevOps, CI/CD Pipelines
- **Development Tools:** Visual Studio, NetBeans, Android Studio, Jira, Figma, GitHub Actions
- **Web Technologies:** WordPress, SharePoint, Umbraco, Duda Website Builder, SEO Optimization
- **Testing & Security:** Automated Testing, Unit Testing, Cybersecurity Principles, Sucuri Security Tools

Professional Skills
- **Leadership & Collaboration:** Project Management, Agile Methodologies, Cross-functional Team Leadership
- **Problem-Solving:** Creative Innovation, Analytical Thinking, Complex Problem Decomposition
- **Communication:** Technical Documentation, Client Relationship Management, Academic Research
- **Personal Qualities:** Adaptability, Attention to Detail, Continuous Learning Mindset, Cultural Curiosity

PROFESSIONAL CERTIFICATIONS

LinkedIn Learning Achievements (2025):
- **Vue.js 3 Essential Training** (5 hours 8 minutes) - Advanced front-end framework mastery
- **Learning the JavaScript Language** (4 hours 7 minutes) - Modern JavaScript programming
- **Python Essential Training** (4 hours 22 minutes) - Python programming fundamentals
- **Google Cloud AI Certification** (36 minutes) - Cloud artificial intelligence innovation

AWARDS & ACHIEVEMENTS

Top Achiever - IIE Varsity College | September 2024
- Recognized as #1 student with 98% aggregate and 8 distinctions in first-year results

Outstanding Matric Performance | December 2021
- Graduated with exceptional 86% average and 5 distinctions, demonstrating consistent academic excellence